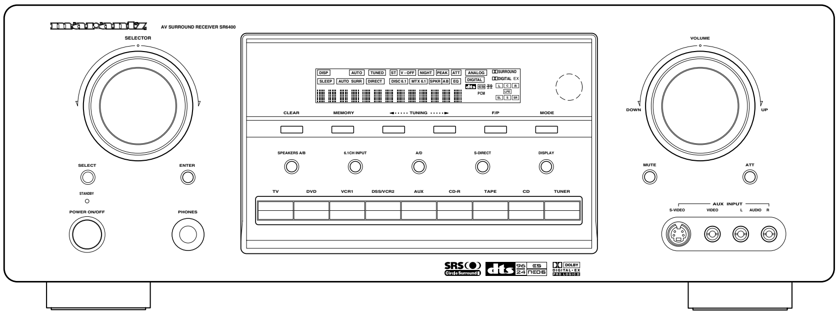
Service Manual

SR5400 /K1G/N1B/U1B
/K1S/N1S/L1G
SR6400 /K1G/K1S/U1B
AV Surround Receiver

PS5400 /F1N
AV Surround Amplifier


marantz
AV SURROUND RECEIVER SR6400
SELECTOR
VOLUME
CLEAR
MEMORY
TUNING
F/P
MODE
SPEAKERS A/B
6.1CH INPUT
A/D
S-DIRECT
DISPLAY
TV
DVD
VCR1
DSS/VCR2
AUX
CD-R
TAPE
CD
TUNER
SELECT
ENTER
STANDBY
POWER ON/OFF
PHONES
DOWN
UP
MUTE
ATT
AUX INPUT
S-VIDEO
VIDEO
L
AUDIO
R

SRS Circle Surround II

dts 96/24 ES Neo:6

DOLBY DIGITAL•EX PRO LOGIC II

PS5400

SR5400 / SR6400

REMARK :

1. Refer to service manual (part no. 27AW855020) for the parts list of model SR5400/L1G.
2. Refer to service manual (part no. 28AW855010) for the parts list of model SR6400/K1G/K1S/U1B.

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Please use this service manual with referring to the user guide (D.F.U.) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

marantz®

SR5400 / SR6400 / PS5400

Part no. 27AW855010
First Issue 2003.06
ecm

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound.
Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.
Parts for your **MARANTZ** equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS :

Parts can be ordered either by mail or by Fax.. In both cases, the correct part number has to be specified.
The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature : any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

USA

MARANTZ AMERICA, INC
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USA
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MRZ STANDARD CO., LTD
746 - 754 MAHACHAI ROAD.,
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BANGKOK, 10200 THAILAND
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FAX : +66 - 2 - 224 6795

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WO KEE HONG DISTRIBUTION PTE LTD
130 JOO SENG ROAD
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FAX : +65 6858 6078

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WILDASH AUDIO SYSTEMS NZ
14 MALVERN ROAD MT ALBERT
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6 TH FL NO, 148 SUNG KIANG ROAD,
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FAX : +886 - 2 - 25630415

MALAYSIA

WO KEE HONG ELECTRONICS SDN. BHD.
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JAPAN *Technical*

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日本マランツ株式会社

本　社　〒228-8505
神奈川県相模原市相模大野7-35-1

KOREA

MK ENTERPRISES LTD.
ROOM 604/605, ELECTRO-OFFICETEL, 16-58,
3GA, HANGANG-RO, YONGSAN-KU, SEOUL
KOREA
PHONE : +822 - 3232 - 155
FAX : +822 - 3232 - 154

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 1492.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

030307MIT

1. TECHNICAL SPECIFICATIONS

FM TUNER SECTION

Frequency Range	87.5 - 108.0 MHz
Usable Sensitivity	IHF 1.6 μV/15.35 dBf
Signal to Noise Ratio	Mono/Stereo 73/64 dB
Distortion	Mono/Stereo 0.6/0.7 %
Stereo Separation	1 kHz 33 dB
Alternate Channel Selectivity	± 300 kHz 60 dB
Image Rejection	98 MHz 70 dB
Tuner Output Level	1 kHz, ± 75 kHz Dev 850 mV

AM TUNER SECTION

Frequency Range	531 - 1602 kHz [/K/N/L]
	520 - 1710 kHz [U]
Signal to Noise Ratio	41 dB
Usable Sensitivity	Loop 560μV
Distortion	1 kHz, 30 % Mod. 1.0 %
Selectivity	± 10 kHz 25 dB

AUDIO SECTION [SR5400/PS5400]

Power Output (20 Hz - 20 kHz/THD=0.08%)

Front L&R	8 ohms 90 W / Ch
Center	8 ohms 90 W / Ch
Surround L&R	8 ohms 90 W / Ch
Surround Back	8 ohms 90 W / Ch

Front L&R	6 ohms 110 W / Ch
Center	6 ohms 110 W / Ch
Surround L&R	6 ohms 110 W / Ch
Surround Back	6 ohms 110 W / Ch

Input Sensitivity/Impedance	200 mV/ 47 kohms
Signal to Noise Ratio(Analog Input / Source Direct)	100 dB
Frequency Response (Analog Input / Source Direct)	
	8 Hz - 100 kHz (± 3 dB)
(Digital Input / 96 kHz PCM)	8 Hz - 45 kHz (± 3 dB)

AUDIO SECTION [SR6400]

Power Output (20 Hz - 20 kHz/THD=0.08%)

Front L&R	8 ohms 100 W / Ch
Center	8 ohms 100 W / Ch
Surround L&R	8 ohms 100 W / Ch
Surround Back	8 ohms 100 W / Ch

Front L&R	6 ohms 125 W / Ch
Center	6 ohms 125 W / Ch
Surround L&R	6 ohms 125 W / Ch
Surround Back	6 ohms 125 W / Ch

Input Sensitivity/Impedance	168mV/ 47 kohms
Signal to Noise Ratio(Analog Input / Source Direct)	105 dB
Frequency Response (Analog Input / Source Direct)	
	8 Hz - 100 kHz (± 3 dB)
(Digital Input / 96 kHz PCM)	8 Hz - 45 kHz (± 3 dB)

VIDEO

Television Format	NTSC/PAL
Input Level/Impedance	1 Vp-p/75 ohms
Output Level/Impedance	1 Vp-p/75 ohms
Video Frequency Response	5 Hz to 8 MHz (- 1 dB)
S/N	60 dB

GENERAL

Power Requirement	AC 100 V 50/60 Hz [/F]
	AC 220 V 50 Hz [/K]
	AC 110 V 60 Hz [/L]
	AC 230 V 50 Hz [/N]
	AC 120 V 60 Hz [/U]
Power Consumption	400 W [SR5400/PS5400]
	420 W [SR6400]
Weight	12.5 Kg

ACCESSORIES

Remote Control Unit RC5400SR	1 [SR5400/PS5400]
AAA-size batteries	2 [SR6400/PS5400]
Remote Control Unit RC7300SRa	1 [SR6400]
AA-size batteries	2 [SR6400]
FM Antenna	1
AM Loop Antenna	1

The relation between the selected surround mode and the input signal

The surround mode is selected with the surround mode buttons on SR5400/SR6400/PS5400 or the remote control unit. However, the sound you hear is subject to the relationship between the selected surround mode and input signal. That relationship is as follows;

Surround Mode	Input Signal	Decoding	Output Channel					Front information display	
			L/R	C	SL SR	SB	SubW	Signal format indicators	Channel status
AUTO	Dolby Surr. EX	Dolby Digital EX	○	○	○	○	○	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	○	○	○	-	○	DD DIGITAL	L, C, R, SL,S R, LFE
	Dolby D(2ch)	Dolby Digital 2.0	○	-	-	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic Ⅱ movie	○	○	○	-	-	DD DIGITAL , DD SURROUND	L, R, S
	DTS-ES	DTS-ES	○	○	○	○	○	dts , ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	DTS 96/24	○	○	○	-	○	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	DTS 5.1	○	○	○	-	○	dts	L, C, R, SL, SR, LFE
	PCM(Audio)	PCM (Stereo)	○	-	-	-	-	PCM	L, R
	PCM 96kHz	PCM (96kHz Stereo)	○	-	-	-	-	PCM	L, R
	Analog	Stereo	○	-	-	-	-	ANALOG	-
S-DIRECT	Dolby D Surr. EX	Dolby Digital EX	○	○	○	○	○	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	○	○	○	-	○	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Dolby Digital 2.0	○	-	-	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic Ⅱ movie	○	○	○	-	-	DD DIGITAL , DD SURROUND	L, , R, S
	DTS-ES	DTS-ES	○	○	○	○	○	dts , ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	DTS 96/24	○	○	○	-	○	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	DTS 5.1	○	○	○	-	○	dts	L, C, R, SL, SR, LFE
	PCM (Audio)	PCM (Stereo)	○	-	-	-	-	PCM	L, R
	PCM 96kHz	PCM (96kHz Stereo)	○	-	-	-	-	PCM	L, R
	Analog	Stereo	○	-	-	-	-	ANALOG	-
EX/ES	Dolby D Surr. EX	Dolby Digital EX	○	○	○	○	○	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital EX	○	○	○	○	○	DD DIGITAL	L, C, R, SL, SR, LFE
	DTS-ES	DTS-ES	○	○	○	○	○	dts , ES	L, C, R, SL, SR, S, LFE
	DTS(5.1ch)	DTS-ES	○	○	○	○	○	dts	L, C, R, SL, SR, LFE
DOLBY (PL Ⅱ movie) (PL Ⅱ music) (Pro Logic)	Dolby D Surr. EX	Dolby Digital 5.1	○	○	○	-	○	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	○	○	○	-	○	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Pro Logic Ⅱ	○	○	○	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic Ⅱ	○	○	○	-	-	DD DIGITAL , DD SURROUND	L, R, S
	PCM (Audio)	Pro Logic Ⅱ	○	○	○	-	-	PCM	L, R
	Analog	Pro Logic Ⅱ	○	○	○	-	-	ANALOG	-
DTS (Neo:6 Cinema) (Neo:6 Music)	DTS-ES	DTS 5.1	○	○	○	-	○	dts , ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	DTS 96/24	○	○	○	-	○	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	DTS 5.1	○	○	○	-	○	dts	L, C, R, SL, SR, LFE
	PCM (Audio)	Neo:6	○	○	○	○	-	PCM	L, R
	Analog	Neo:6	○	○	○	○	-	ANALOG	-
	Dolby D (2ch)	Neo:6	○	○	○	○	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Neo:6	○	○	○	○	-	DD DIGITAL , DD SURROUND	L, R, S
CS Ⅱ Cinema CS Ⅱ Music CS Ⅱ Mono	PCM (Audio)	CS Ⅱ	○	○	○	○	○	PCM	L, R
	Analog	CS Ⅱ	○	○	○	○	○	ANALOG	-
	Dolby D (2ch)	CS Ⅱ	○	○	○	○	○	DD DIGITAL	L, R
	Dolby D (2ch Surr)	CS Ⅱ	○	○	○	○	○	DD DIGITAL , DD SURROUND	L, R, S
STEREO	Dolby Surr. EX	Stereo	○	-	-	-	○	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Stereo	○	-	-	-	○	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Stereo	○	-	-	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Stereo	○	-	-	-	-	DDDIGITAL , DD SURROUND	L, R, S
	DTS-ES	Stereo	○	-	-	-	○	dts , ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	Stereo	○	-	-	-	○	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	Stereo	○	-	-	-	○	dts	L, C, R, SL, SR, LFE
	PCM (Audio)	Stereo	○	-	-	-	-	PCM	L, R
	PCM 96kHz	Stereo	○	-	-	-	-	PCM	L, R
	Analog	Stereo	○	-	-	-	-	ANALOG	-
Virtual	Dolby Surr. EX	Virtual	○	-	-	-	-	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Virtual	○	-	-	-	-	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Virtual	○	-	-	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Virtual	○	-	-	-	-	DD DIGITAL , DD SURROUND	L, R, S
	DTS-ES	Virtual	○	-	-	-	-	dts , ES	L, C, R, SL, SR, S, LFE
	DTS (5.1ch)	Virtual	○	-	-	-	-	dts	L, C, R, SL, SR, LFE
	PCM (Audio)	Virtual	○	-	-	-	-	PCM	L, R
	Analog	Virtual	○	-	-	-	-	ANALOG	-
Multi Ch. Stereo	Dolby Surr. EX	Dolby Digital EX	○	○	○	○	○	DD DIGITAL	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	○	○	○	-	○	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Multi Channel Stereo	○	○	○	○	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Multi Channel Stereo	○	○	○	○	-	DD DIGITAL , DD SURROUND	L, R, S
	DTS-ES	DTS-ES	○	○	○	○	○	dts , ES	L, C, R, SL, SR, S, LFE
	DTS (5.1ch)	DTS 5.1	○	○	○	-	○	dts	L, C, R, SL, SR, LFE
	PCM (Audio)	Multi Channel Stereo	○	○	○	○	-	PCM	L, R
	Analog	Multi Channel Stereo	○	○	○	○	-	ANALOG	-

Note:

- Dolby Digital (2 ch: Lt/Rt): signal with Dolby Surround flag Speakers are full set.
- No sound outputs from the surround speaker, center speaker and subwoofer if the DVD disc has no surround data.

Abbrevations

L/R : Front speakers
C : Center speaker
SL/SR : Surround speakers
SB : Surround Back speaker
SubW : Sub woofer speaker

2. TECHNICAL DESCRIPTION

The advantages of discrete multichannel systems over matrix are well known.

But even in homes equipped for discrete multichannel, there remains a need for high-quality matrix decoding. This is because of the large library of matrix surround motion pictures available on disc and on VHS tape; and analog television broadcasts.

The typical matrix decoder of today derives a center channel and a mono surround channel from two-channel matrix stereo material. It is better than a simple matrix in that it includes steering logic to improve separation, but because of its mono, band-limited surround it can be disappointing to users accustomed to discrete multichannel.

Neo 6 offers several important improvements as follow,

. Neo 6 provides up to six full-band channels of matrix decoding from stereo matrix material. Users with 6.1 and 5.1 systems will derive six and five separate channels, respectively, corresponding to the standard home-theater speaker layouts.

. Neo 6 technology allows various sound elements within a channel or channels to be steered separately, and in a way which follows naturally from the original presentation.

. Neo 6 offers a music mode to expand stereo nonmatrix recordings into the five- or six-channel layout, in a way which does not diminish the subtlety and integrity of the original stereo recording.

DTS-ES Extended Surround is a new multi-channel digital signal format developed by Digital Theater Systems Inc. While offering high compatibility with the conventional DTS Digital Surround format, DTSES Extended Surround greatly improves the 360-degree surround impression and space expression thanks to further expanded surround signals. This format has been used professionally in movie theaters since 1999.

In addition to the 5.1 surround channels (FL, FR, C, SL, SR and LFE), DTS-ES Extended Surround also offers the SB (Surround Back) channel for surround playback with a total of 6.1 channels.

DTS-ES Extended Surround includes two signal formats with different surround signal recording methods, as DTS-ES Discrete 6.1 and DTSES Matrix 6.1.

"DTS", "DTS-ES Extended Surround" and "Neo:6" are trademarks of Digital Theater Systems, Inc.

The stereo CD is a 16-bit medium with sampling at 44.1 kHz. Professional audio has been 20- or 24-bit for some time, and there is increasing interest in higher sampling rates both for recording and for delivery into the home. Greater bit depths provide extended dynamic range. Higher sampling rates allow wider frequency response and the use of anti-alias and reconstruction filters with more favorable aural characteristics.

DTS 96/24 allows for 5.1channel sound tracks to be encoded at a rate of 96kHz/24bits on DVD-Video titles.

When DVD-video appeared, it became possible to deliver 24-bit, 96 kHz audio into the home, but only in two channels, and with serious limitations on picture. This capability has had little use.

DVD-audio allows 96/24 in six channels, but a new player is needed, and only analog outputs are provided, necessitating the use of the D/A converters and analog electronics provided in the player.

DTS 96/24 offers the following:

1.Sound quality transparent to the original 96/24 master.

2.Full backward compatibility with all existing decoders. (Existing decoders will output a 48 kHz signal)

3.No new player required: DTS 96/24 can be carried on DVD-video, or in the video zone of DVD-audio, accessible to all DVD players.

4.96/24 5.1-channel sound with full-quality full-motion video, for music programs and motion picture soundtracks on DVD-video.

Dolby Digital identifies the use of Dolby Digital audio coding for such consumer formats as DVD and DTV. As with film sound, Dolby Digital can provide up to five full-range channels for left, center, and right screen channels, independent left and right surround channels, and a sixth (".1") channel for low-frequency effects.

Dolby Surround Pro Logic II is an improved matrix decoding technology that provides better spatiality and directionality on Dolby Surround program material; provides a convincing three-dimensional soundfield on conventional stereo music recordings; and is ideally suited to bring the surround experience to automotive sound. While conventional surround programming is fully compatible with Dolby Surround Pro Logic II decoders, soundtracks will be able to be encoded specifically to take full advantage of Pro Logic II playback, including separate left and right surround channels. (Such material is also compatible with conventional Pro Logic decoders.)

Dolby Digital EX creates six full-bandwidth output channels from 5.1- channel sources. This is done using a matrix decoder that derives three surround channels from the two in the original recording. For best results, Dolby Digital EX should be used with movies soundtracks recorded with Dolby Digital Surround EX.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

Circle Surround II (CS-II) is a powerful and versatile multi channel technology. CS-II is designed to enable up to 6.1 multi channel surround sound playback from mono, stereo, CS encoded sources and other matrix encoded sources. In all cases the decoder extends it into 6 channels of surround audio and a LFE/subwoofer signal.

The CS-II decoder creates a listening environment that places the listener "inside" music performances and dramatically improves both hi-fi audio conventional surround-encoded video material. CS-II provides composite stereo rear channels to greatly improve separation and image positioning adding a heightened sense of realism to both audio and A/V productions.

CS-II is packed with other useful feature like dialog clarity (SRS Dialog) for movies and cinema-like bass enrichment (TruBass).

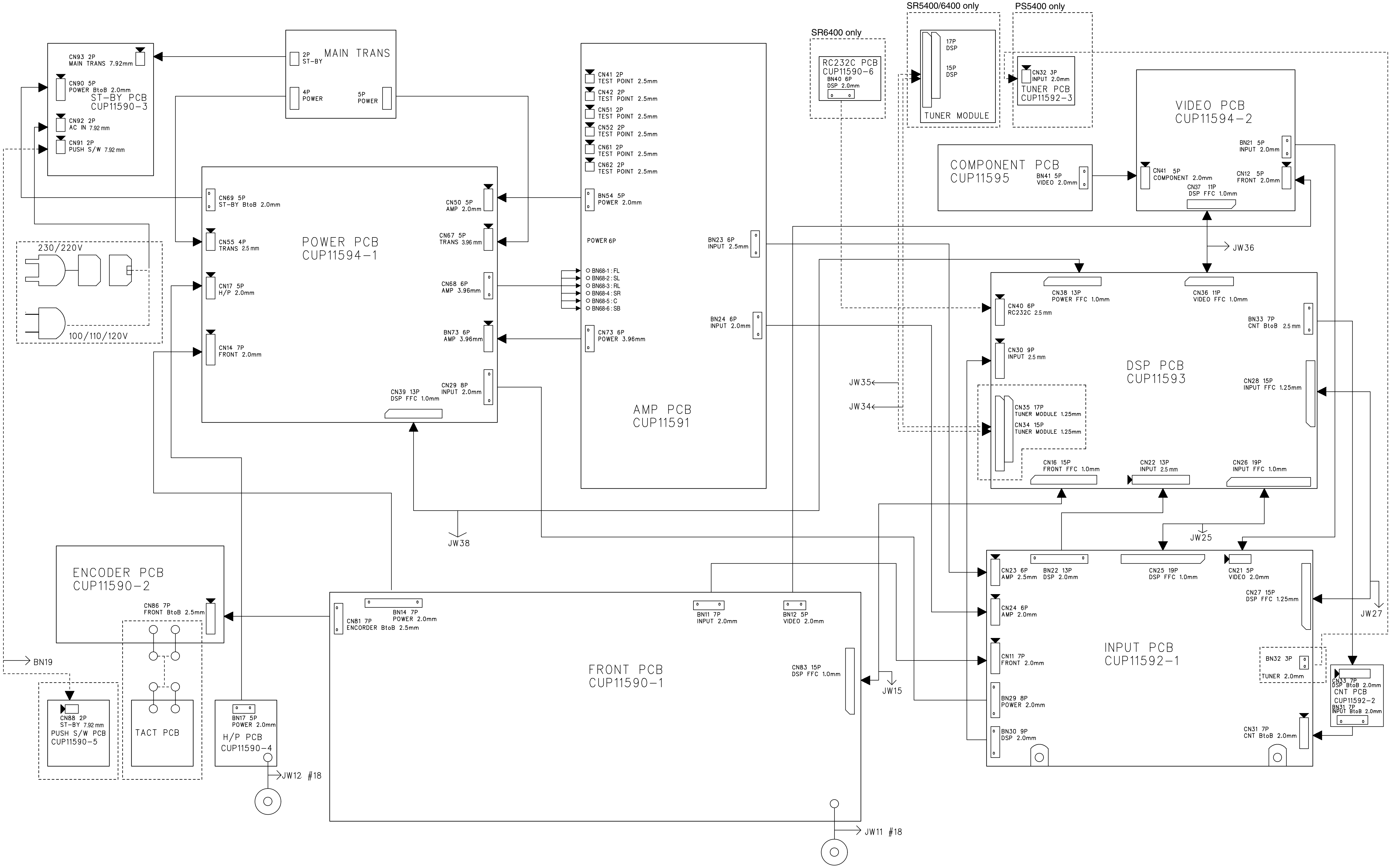
CS-II can enable the dialog to become clearer and more discernable in movies and it enables the bass frequencies contained in the original programming to more closely achieve low frequencies overcoming the low frequency limitations of the speakers by full octave.

Circle Surround II, Dialog Clarity, TruBass, SRS and symbol (●)® are trademarks of SRS Labs, Inc.

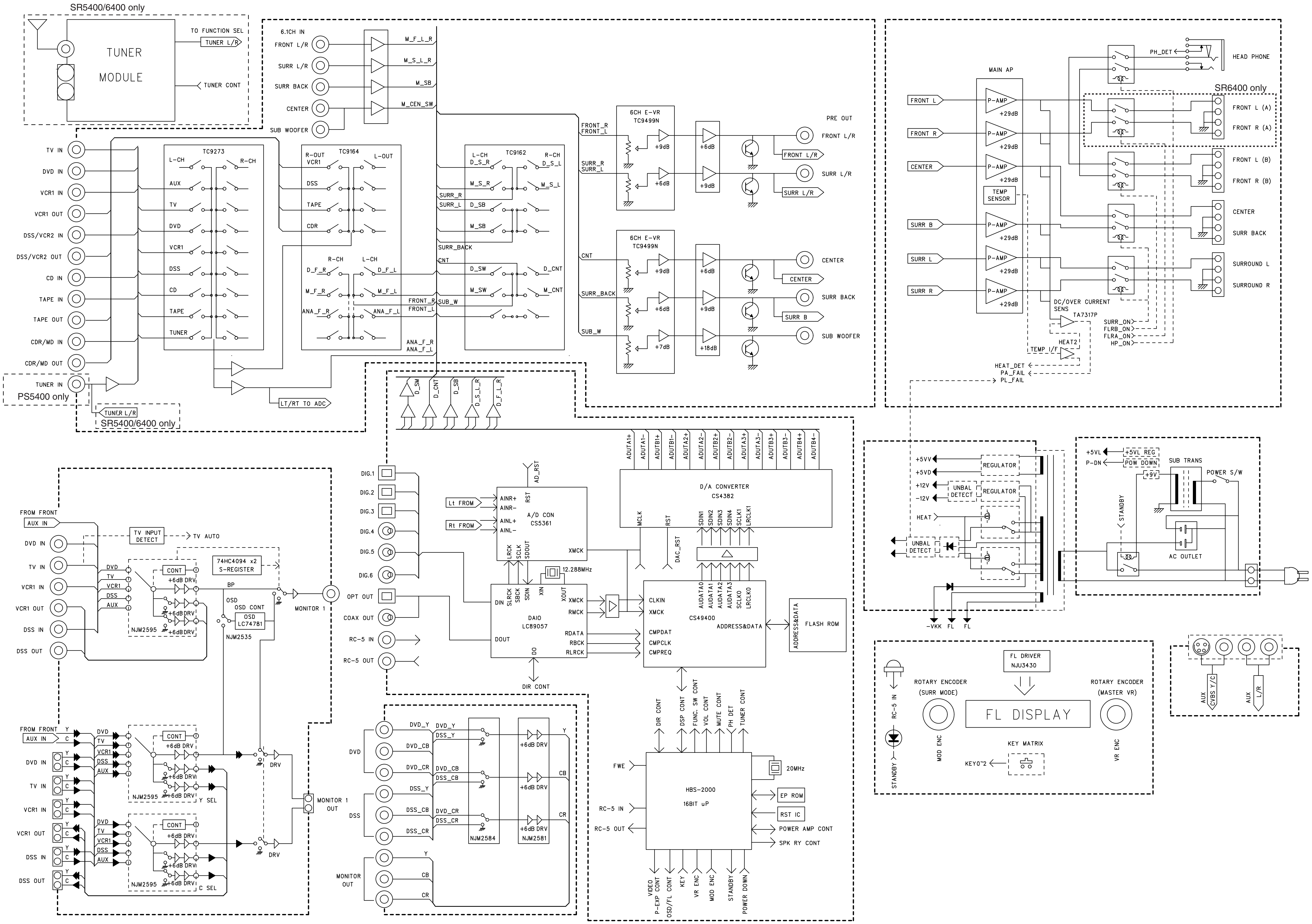
SRS Circle Surround II, SRS Dialog and SRS TruBass technology are incorporated under license from SRS Labs, Inc.

Note :

3. WIRING DIAGRAM


SR5400/6400 only
PS5400 only
SR6400 only
MAIN TRANS
2P ST-BY
4P POWER
5P POWER
CN93 2P MAIN TRANS 7.92mm
CN90 5P POWER BtoB 2.0mm
ST-BY PCB
CUP11590-3
CN92 2P AC IN 7.92mm
CN91 2P PUSH S/W 7.92mm
230/220V
100/110/120V
POWER PCB
CUP11594-1
CN69 5P ST-BY BtoB 2.0mm
CN55 4P TRANS 2.5mm
CN17 5P H/P 2.0mm
CN14 7P FRONT 2.0mm
CN50 5P AMP 2.0mm
CN67 5P TRANS 3.96mm
CN68 6P AMP 3.96mm
BN73 6P AMP 3.96mm
CN29 8P INPUT 2.0mm
CN39 13P DSP FFC 1.0mm
AMP PCB
CUP11591
CN41 2P TEST POINT 2.5mm
CN42 2P TEST POINT 2.5mm
CN51 2P TEST POINT 2.5mm
CN52 2P TEST POINT 2.5mm
CN61 2P TEST POINT 2.5mm
CN62 2P TEST POINT 2.5mm
BN54 5P POWER 2.0mm
POWER 6P
BN68-1 : FL
BN68-2 : SL
BN68-3 : RL
BN68-4 : SR
BN68-5 : C
BN68-6 : SB
CN73 6P POWER 3.96mm
BN23 6P INPUT 2.5mm
BN24 6P INPUT 2.0mm
RC232C PCB
CUP11590-6
BN40 6P DSP 2.0mm
17P DSP
15P DSP
TUNER MODULE
CN32 3P INPUT 2.0mm
TUNER PCB
CUP11592-3
COMPONENT PCB
CUP11595
BN41 5P VIDEO 2.0mm
VIDEO PCB
CUP11594-2
BN21 5P INPUT 2.0mm
CN41 5P COMPONENT 2.0mm
CN12 5P FRONT 2.0mm
CN37 11P DSP FFC 1.0mm
JW36
DSP PCB
CUP11593
CN38 13P POWER FFC 1.0mm
CN36 11P VIDEO FFC 1.0mm
CN40 6P RC232C 2.5mm
CN30 9P INPUT 2.5mm
BN33 7P CNT BtoB 2.5mm
CN28 15P INPUT FFC 1.25mm
CN35 17P TUNER MODULE 1.25mm
CN34 15P TUNER MODULE 1.25mm
CN16 15P FRONT FFC 1.0mm
CN22 13P INPUT 2.5mm
CN26 19P INPUT FFC 1.0mm
JW35
JW34
JW38
JW25
JW27
ENCODER PCB
CUP11590-2
CN86 7P FRONT BtoB 2.5mm
FRONT PCB
CUP11590-1
CN81 7P ENCORDER BtoB 2.5mm
BN14 7P POWER 2.0mm
BN11 7P INPUT 2.0mm
BN12 5P VIDEO 2.0mm
CN83 15P DSP FFC 1.0mm
JW15
INPUT PCB
CUP11592-1
CN23 6P AMP 2.5mm
BN22 13P DSP 2.0mm
CN25 19P DSP FFC 1.0mm
CN21 5P VIDEO 2.0mm
CN27 15P DSP FFC 1.25mm
CN24 6P AMP 2.0mm
CN11 7P FRONT 2.0mm
BN32 3P TUNER 2.0mm
BN29 8P POWER 2.0mm
BN30 9P DSP 2.0mm
CN31 7P CNT BtoB 2.0mm
CN33 7P DSP BtoB 2.0mm
CNT PCB
CUP11592-2
BN31 7P INPUT BtoB 2.0mm
BN19
CN88 2P ST-BY 7.92mm
PUSH S/W PCB
CUP11590-5
TACT PCB
BN17 5P POWER 2.0mm
H/P PCB
CUP11590-4
JW12 #18
JW11 #18

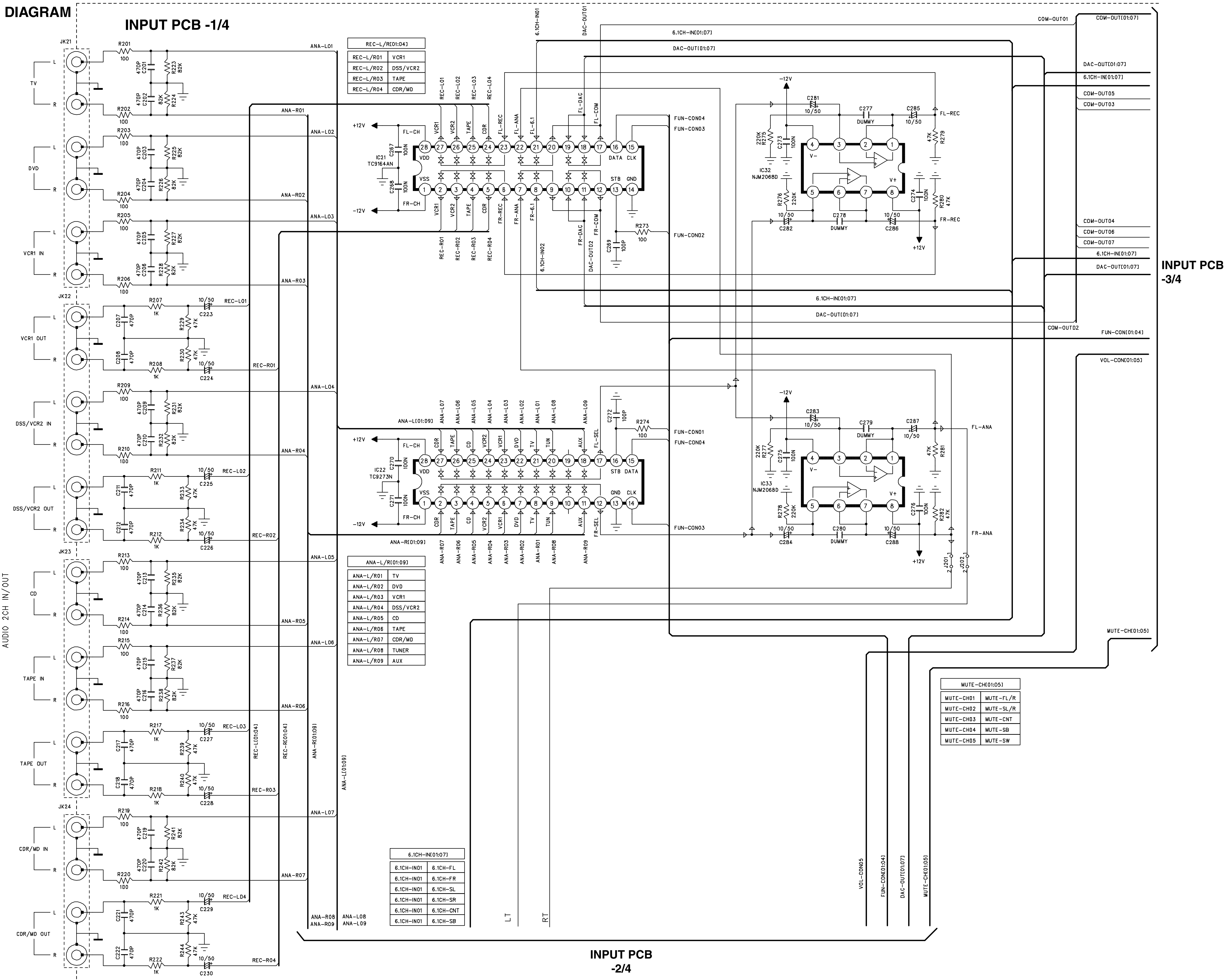
4. BLOCK DIAGRAM



SR5400/6400 only
TUNER MODULE
TO FUNCTION SEL
TUNER L/R
TUNER CONT
6.1CH IN
FRONT L/R
SURR L/R
SURR BACK
CENTER
SUB WOOFER
M_F_L_R
M_S_L_R
M_SB
M_CEN_SW
TV IN
DVD IN
VCR1 IN
VCR1 OUT
DSS/VCR2 IN
DSS/VCR2 OUT
CD IN
TAPE IN
TAPE OUT
CDR/MD IN
CDR/MD OUT
TUNER IN
PS5400 only
TUNER L/R
SR5400/6400 only
TC9273
L-CH
R-CH
AUX
TV
DVD
VCR1
DSS
CD
TAPE
TUNER
TC9164
R-OUT
VCR1
L-OUT
DSS
TAPE
CDR
R-CH
L-CH
D_F_R
D_F_L
M_F_R
M_F_L
ANA_F_R
ANA_F_L
ANA_F_R
ANA_F_L
LT/RT TO ADC
TC9162
L-CH
R-CH
D_S_R
D_S_L
M_S_R
M_S_L
SURR_R
SURR_L
D_SB
M_SB
SURR_BACK
CNT
D_SW
D_CNT
M_SW
M_CNT
FRONT_R
FRONT_L
SUB_W
FRONT_R
FRONT_L
SURR_R
SURR_L
CNT
SURR_BACK
SUB_W
6CH E-VR
TC9499N
+9dB
+6dB
+6dB
+9dB
+9dB
+6dB
+6dB
+9dB
+7dB
+18dB
PRE OUT
FRONT L/R
FRONT L/R
SURR L/R
SURR L/R
CENTER
CENTER
SURR BACK
SURR B
SUB WOOFER
D_SW
D_CNT
D_SB
D_S_L_R
D_F_L_R
MAIN AP
FRONT L
FRONT R
CENTER
SURR B
SURR L
SURR R
P-AMP
+29dB
TEMP SENSOR
DC/OVER CURRENT SENS
TA7317P
HEAT2
TEMP I/F
HEAT_DET
PA_FAIL
PL_FAIL
SURR_ON
FLRB_ON
FLRA_ON
HP_ON
PH_DET
HEAD PHONE
SR6400 only
FRONT L (A)
FRONT R (A)
FRONT L (B)
FRONT R (B)
CENTER
SURR BACK
SURROUND L
SURROUND R
ADUTA1+
ADUTA1-
ADUTB1+
ADUTB1-
ADUTA2+
ADUTA2-
ADUTB2+
ADUTB2-
ADUTA3+
ADUTA3-
ADUTB3+
ADUTB3-
ADUTB4+
ADUTB4-
D/A CONVERTER
CS4382
MCLK
RST
DAC_RST
SDIN1
SDIN2
SDIN3
SDIN4
SCLK1
LRCLK1
DIG.1
DIG.2
DIG.3
DIG.4
DIG.5
DIG.6
OPT OUT
COAX OUT
RC-5 IN
RC-5 OUT
AD_RST
Lt FROM
Rt FROM
AINR+
AINR-
AINL+
AINL-
RST
A/D CON
CS5361
LRCK
SCLK
SDOUT
XMCK
12.288MHz
DIN
SLRCK
SBCK
SDIN
XIN
XOUT
XMCK
RMCK
DAIO
LC89057
DOUT
RDATA
RBCK
RLRCK
DO
DIR CONT
CLKIN
XMCK
CS49400
AUDATA0
AUDATA1
AUDATA2
AUDATA3
SCLKO
LRCLKO
ADDRESS&DATA
CMPDAT
CMPCLK
CMPREQ
ADDRESS&DATA
FLASH ROM
FROM FRONT
AUX IN
DVD IN
TV IN
VCR1 IN
VCR1 OUT
DSS IN
DSS OUT
TV INPUT DETECT
TV AUTO
74HC4094 x2
S-REGISTER
DVD
TV
VCR1
DSS
AUX
CONT
+6dB DRV
+6dB DRV
+6dB DRV
BP
OSD
OSD CONT
OSD
LC74781
NJM2595
NJM2535
MONITOR 1
FROM FRONT
AUX IN
Y
C
DVD IN
TV IN
VCR1 IN
VCR1 OUT
DSS IN
DSS OUT
DVD
TV
VCR1
DSS
AUX
CONT
+6dB DRV
NJM2595
Y SEL
DRV
MONITOR 1 OUT
DVD
TV
VCR1
DSS
AUX
CONT
+6dB DRV
NJM2595
C SEL
DRV
DVD
DVD_Y
DVD_CB
DVD_CR
DSS
DSS_Y
DSS_CB
DSS_CR
DVD_Y
DSS_Y
DVD_CB
DSS_CB
DVD_CR
DSS_CR
+6dB DRV
NJM2584
NJM2581
Y
CB
CR
MONITOR OUT
Y
CB
CR
DIR CONT
DSP CONT
FUNC. SW CONT
VOL CONT
MUTE CONT
PH DET
TUNER CONT
FWE
20MHz
HBS-2000
16BIT uP
EP ROM
RST IC
RC-5 IN
RC-5 OUT
POWER AMP CONT
SPK RY CONT
VIDEO
P-EXP CONT
OSD/FL CONT
KEY
VR ENC
MOD ENC
STANDBY
POWER DOWN
+5VV
+5VD
+12V
-12V
REGULATOR
UNBAL DETECT
REGULATOR
HEAT
UNBAL DETECT
-VKK
FL
FL
+5VL
P-DN
+5VL REG
POW DOWN
+9V
SUB TRANS
POWER S/W
STANDBY
AC OUTLET
FL DRIVER
NJU3430
ROTARY ENCODER
(SURR MODE)
ROTARY ENCODER
(MASTER VR)
FL DISPLAY
RC-5 IN
STANDBY
MOD ENC
VR ENC
KEY MATRIX
KEY0~2
AUX
CVBS Y/C
AUX
L/R

5. SCHEMATIC DIAGRAM

INPUT PCB -1/4

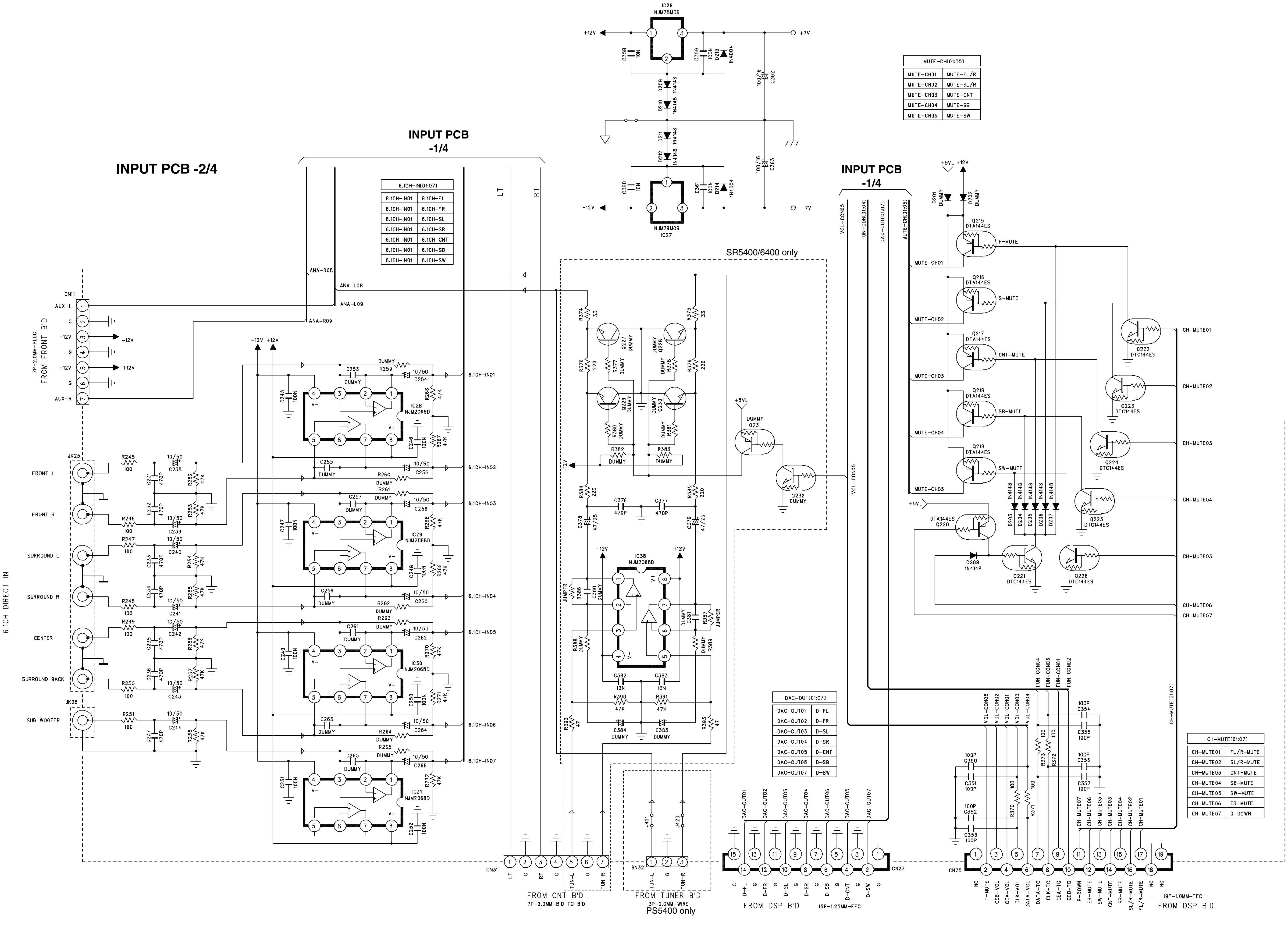

INPUT PCB -3/4
INPUT PCB -2/4
AUDIO 2CH IN/OUT
JK21
JK22
JK23
JK24
TV
DVD
VCR1 IN
VCR1 OUT
DSS/VCR2 IN
DSS/VCR2 OUT
CD
TAPE IN
TAPE OUT
CDR/MD IN
CDR/MD OUT
IC21 TC9164AN
IC22 TC9273N
IC32 NJM2068D
IC33 NJM2068D
+12V
-12V
FL-CH
FR-CH
FL-REC
FR-REC
FL-ANA
FR-ANA
FUN-CON01
FUN-CON02
FUN-CON03
FUN-CON04
COM-OUT01
COM-OUT02
COM-OUT03
COM-OUT04
COM-OUT05
COM-OUT06
COM-OUT07
COM-OUT[01:07]
DAC-OUT[01:07]
6.1CH-IN[01:07]
FUN-CON[01:04]
VOL-CON[01:05]
MUTE-CH[01:05]
VOL-CON05
ANA-L[01:09]
ANA-R[01:09]
REC-L[01:04]
REC-R[01:04]
LT
RT
J201
J202

REC-L/R[01:04]	
REC-L/R01	VCR1
REC-L/R02	DSS/VCR2
REC-L/R03	TAPE
REC-L/R04	CDR/MD

ANA-L/R[01:09]	
ANA-L/R01	TV
ANA-L/R02	DVD
ANA-L/R03	VCR1
ANA-L/R04	DSS/VCR2
ANA-L/R05	CD
ANA-L/R06	TAPE
ANA-L/R07	CDR/MD
ANA-L/R08	TUNER
ANA-L/R09	AUX

6.1CH-IN[01:07]	
6.1CH-IN01	6.1CH-FL
6.1CH-IN01	6.1CH-FR
6.1CH-IN01	6.1CH-SL
6.1CH-IN01	6.1CH-SR
6.1CH-IN01	6.1CH-CNT
6.1CH-IN01	6.1CH-SB

MUTE-CH[01:05]	
MUTE-CH01	MUTE-FL/R
MUTE-CH02	MUTE-SL/R
MUTE-CH03	MUTE-CNT
MUTE-CH04	MUTE-SB
MUTE-CH05	MUTE-SW


INPUT PCB -2/4
INPUT PCB -1/4
INPUT PCB -1/4
SR5400/6400 only
PS5400 only
IC26 NJM78M06
IC27 NJM79M06
+12V
+7V
-12V
-7V
IC28 NJM2068D
IC29 NJM2068D
IC30 NJM2068D
IC31 NJM2068D
IC38 NJM2068D
CN11
AUX-L
AUX-R
7P-2.0MM-PLUG
FROM FRONT B'D
6.1CH DIRECT IN
JK25
JK26
FRONT L
FRONT R
SURROUND L
SURROUND R
CENTER
SURROUND BACK
SUB WOOFER
ANA-R08
ANA-L08
ANA-L09
ANA-R09
6.1CH-IN01
6.1CH-IN02
6.1CH-IN03
6.1CH-IN04
6.1CH-IN05
6.1CH-IN06
6.1CH-IN07
LT
RT
VOL-CON05
FUN-CON[01:04]
DAC-OUT[01:07]
MUTE-CH[01:05]
F-MUTE
S-MUTE
CNT-MUTE
SB-MUTE
SW-MUTE
CH-MUTE01
CH-MUTE02
CH-MUTE03
CH-MUTE04
CH-MUTE05
CH-MUTE06
CH-MUTE07
CN31
FROM CNT B'D
7P-2.0MM-B'D TO B'D
BN32
FROM TUNER B'D
3P-2.0MM-WIRE
CN27
FROM DSP B'D
15P-1.25MM-FFC
CN25
19P-1.0MM-FFC
FROM DSP B'D

6.1CH-IN[01:07]	
6.1CH-IN01	6.1CH-FL
6.1CH-IN01	6.1CH-FR
6.1CH-IN01	6.1CH-SL
6.1CH-IN01	6.1CH-SR
6.1CH-IN01	6.1CH-CNT
6.1CH-IN01	6.1CH-SB
6.1CH-IN01	6.1CH-SW

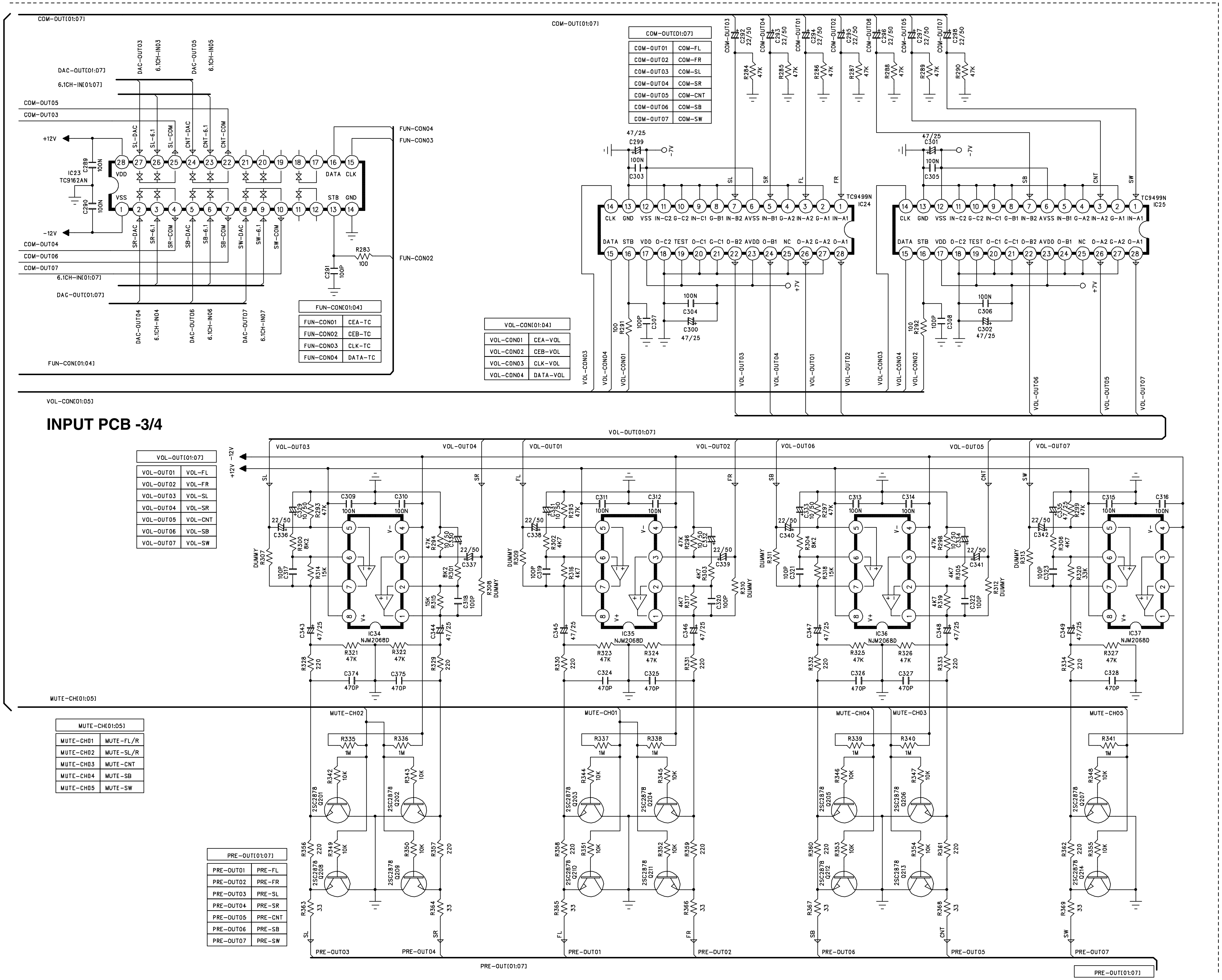
MUTE-CH[01:05]	
MUTE-CH01	MUTE-FL/R
MUTE-CH02	MUTE-SL/R
MUTE-CH03	MUTE-CNT
MUTE-CH04	MUTE-SB
MUTE-CH05	MUTE-SW

DAC-OUT[01:07]	
DAC-OUT01	D-FL
DAC-OUT02	D-FR
DAC-OUT03	D-SL
DAC-OUT04	D-SR
DAC-OUT05	D-CNT
DAC-OUT06	D-SB
DAC-OUT07	D-SW

CH-MUTE[01:07]	
CH-MUTE01	FL/R-MUTE
CH-MUTE02	SL/R-MUTE
CH-MUTE03	CNT-MUTE
CH-MUTE04	SB-MUTE
CH-MUTE05	SW-MUTE
CH-MUTE06	ER-MUTE
CH-MUTE07	D-DOWN

INPUT PCB -1/4

INPUT PCB -3/4


COM-OUT[01:07]
DAC-OUT[01:07]
6.1CH-IN[01:07]
COM-OUT05
COM-OUT03
COM-OUT04
COM-OUT06
COM-OUT07
+12V
-12V
IC23
TC9162AN
C289 100N
C290 100N
VDD
VSS
DATA
CLK
STB
GND
SL-DAC
SL-6.1
SL-COM
CNT-DAC
CNT-6.1
CNT-COM
SR-DAC
SR-6.1
SR-COM
SB-DAC
SB-6.1
SB-COM
SW-DAC
SW-6.1
SW-COM
FUN-CON04
FUN-CON03
FUN-CON02
R283 100
C291 100P
FUN-CON[01:04]
VOL-CON[01:05]
TC9499N
IC24
IC25
C299 47/25
C301 47/25
C303 100N
C305 100N
C304 100N
C306 100N
C300 47/25
C302 47/25
C307 100P
C308 100P
R291 100
R292 100
-7V
+7V
C292 22/50
C293 22/50
C294 22/50
C295 22/50
C296 22/50
C297 22/50
C298 22/50
R284 47K
R285 47K
R286 47K
R287 47K
R288 47K
R289 47K
R290 47K
CLK GND VSS IN-C2 G-C2 IN-C1 G-B1 IN-B2 AVSS IN-B1 G-A2 IN-A2 G-A1 IN-A1
DATA STB VDD O-C2 TEST O-C1 G-C1 O-B2 AVDD O-B1 NC O-A2 G-A2 O-A1
VOL-OUT[01:07]
IC34 NJM2068D
IC35 NJM2068D
IC36 NJM2068D
IC37 NJM2068D
V+
V-
DUMMY
C309 100N
C310 100N
C311 100N
C312 100N
C313 100N
C314 100N
C315 100N
C316 100N
C343 47/25
C344 47/25
C374 470P
C375 470P
C324 470P
C325 470P
C326 470P
C327 470P
C328 470P
R321 47K
R322 47K
R323 47K
R324 47K
R325 47K
R326 47K
R327 47K
MUTE-CH[01:05]
MUTE-CH01
MUTE-CH02
MUTE-CH03
MUTE-CH04
MUTE-CH05
R335 1M
R336 1M
R337 1M
R338 1M
R339 1M
R340 1M
R341 1M
2SC2878
Q201
Q202
Q203
Q204
Q205
Q206
Q207
Q208
Q209
Q210
Q211
Q212
Q213
Q214
PRE-OUT01
PRE-OUT02
PRE-OUT03
PRE-OUT04
PRE-OUT05
PRE-OUT06
PRE-OUT07
PRE-OUT[01:07]
SL
SR
FL
FR
SB
CNT
SW

COM-OUT[01:07]	
COM-OUT01	COM-FL
COM-OUT02	COM-FR
COM-OUT03	COM-SL
COM-OUT04	COM-SR
COM-OUT05	COM-CNT
COM-OUT06	COM-SB
COM-OUT07	COM-SW

FUN-CON[01:04]	
FUN-CON01	CEA-TC
FUN-CON02	CEB-TC
FUN-CON03	CLK-TC
FUN-CON04	DATA-TC

VOL-CON[01:04]	
VOL-CON01	CEA-VOL
VOL-CON02	CEB-VOL
VOL-CON03	CLK-VOL
VOL-CON04	DATA-VOL

VOL-OUT[01:07]	
VOL-OUT01	VOL-FL
VOL-OUT02	VOL-FR
VOL-OUT03	VOL-SL
VOL-OUT04	VOL-SR
VOL-OUT05	VOL-CNT
VOL-OUT06	VOL-SB
VOL-OUT07	VOL-SW

MUTE-CH[01:05]	
MUTE-CH01	MUTE-FL/R
MUTE-CH02	MUTE-SL/R
MUTE-CH03	MUTE-CNT
MUTE-CH04	MUTE-SB
MUTE-CH05	MUTE-SW

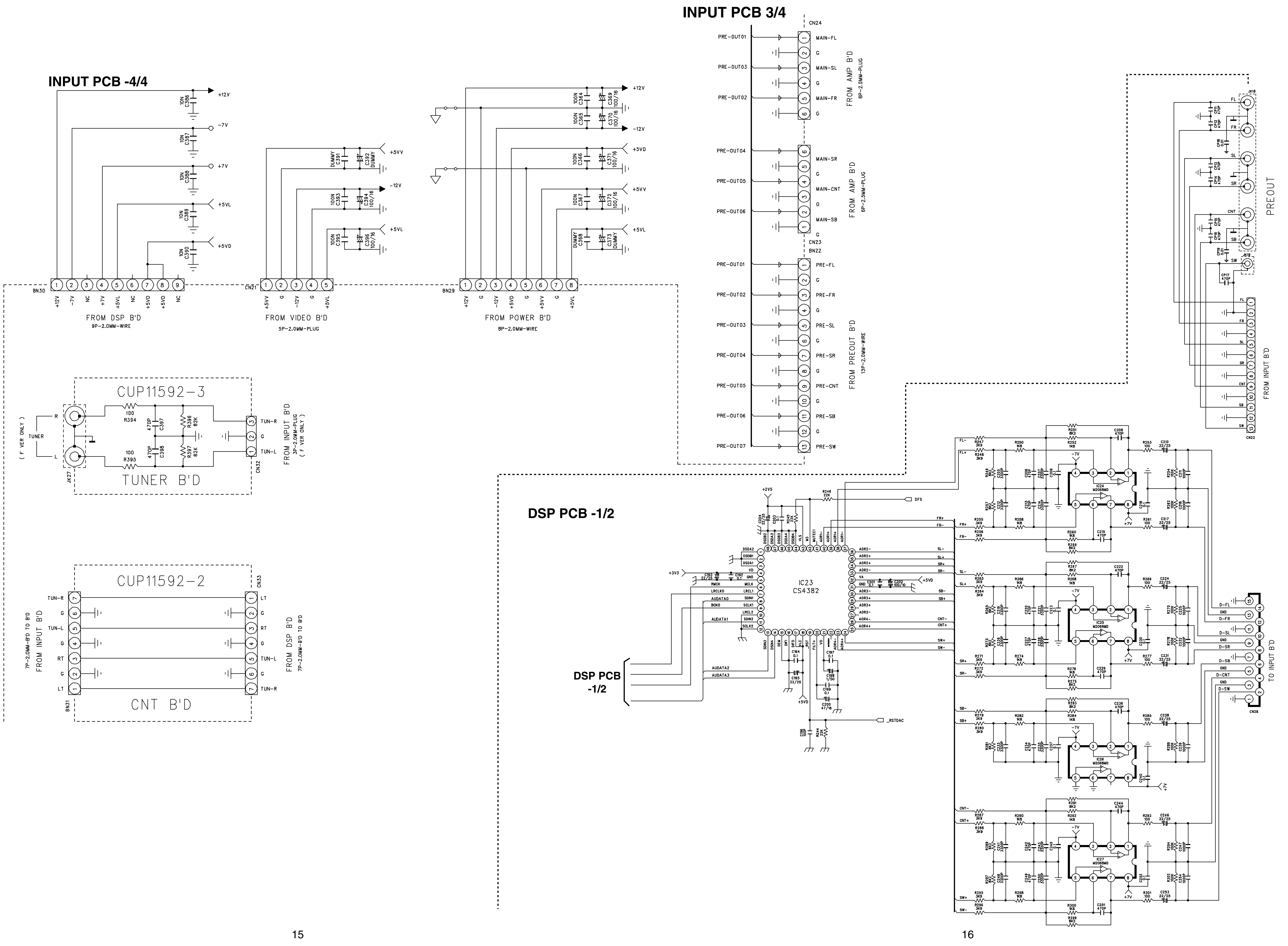
PRE-OUT[01:07]	
PRE-OUT01	PRE-FL
PRE-OUT02	PRE-FR
PRE-OUT03	PRE-SL
PRE-OUT04	PRE-SR
PRE-OUT05	PRE-CNT
PRE-OUT06	PRE-SB
PRE-OUT07	PRE-SW

INPUT PCB -4/4

INPUT PCB -4/4

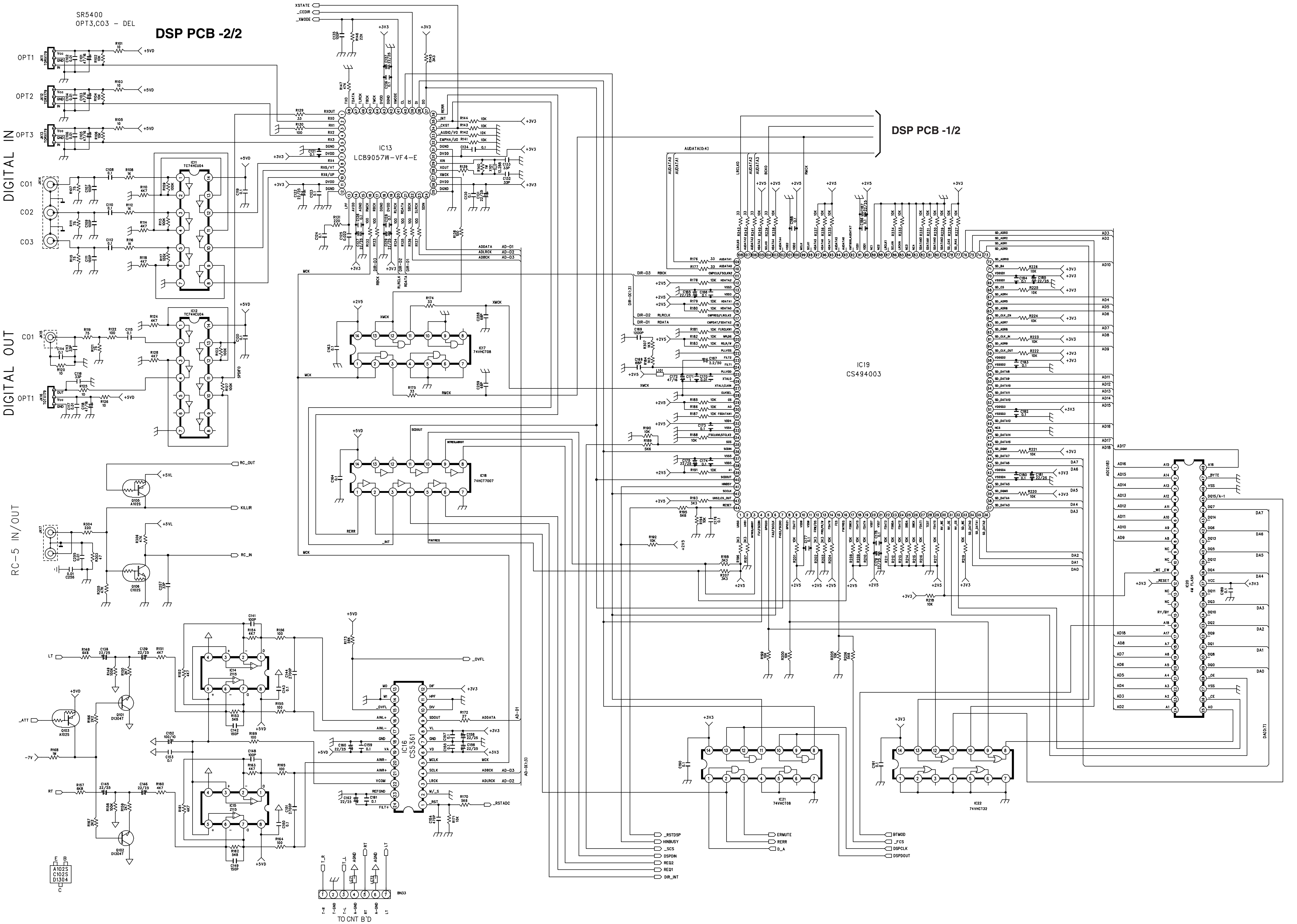
INPUT PCB 3/4

DSP PCB -1/2

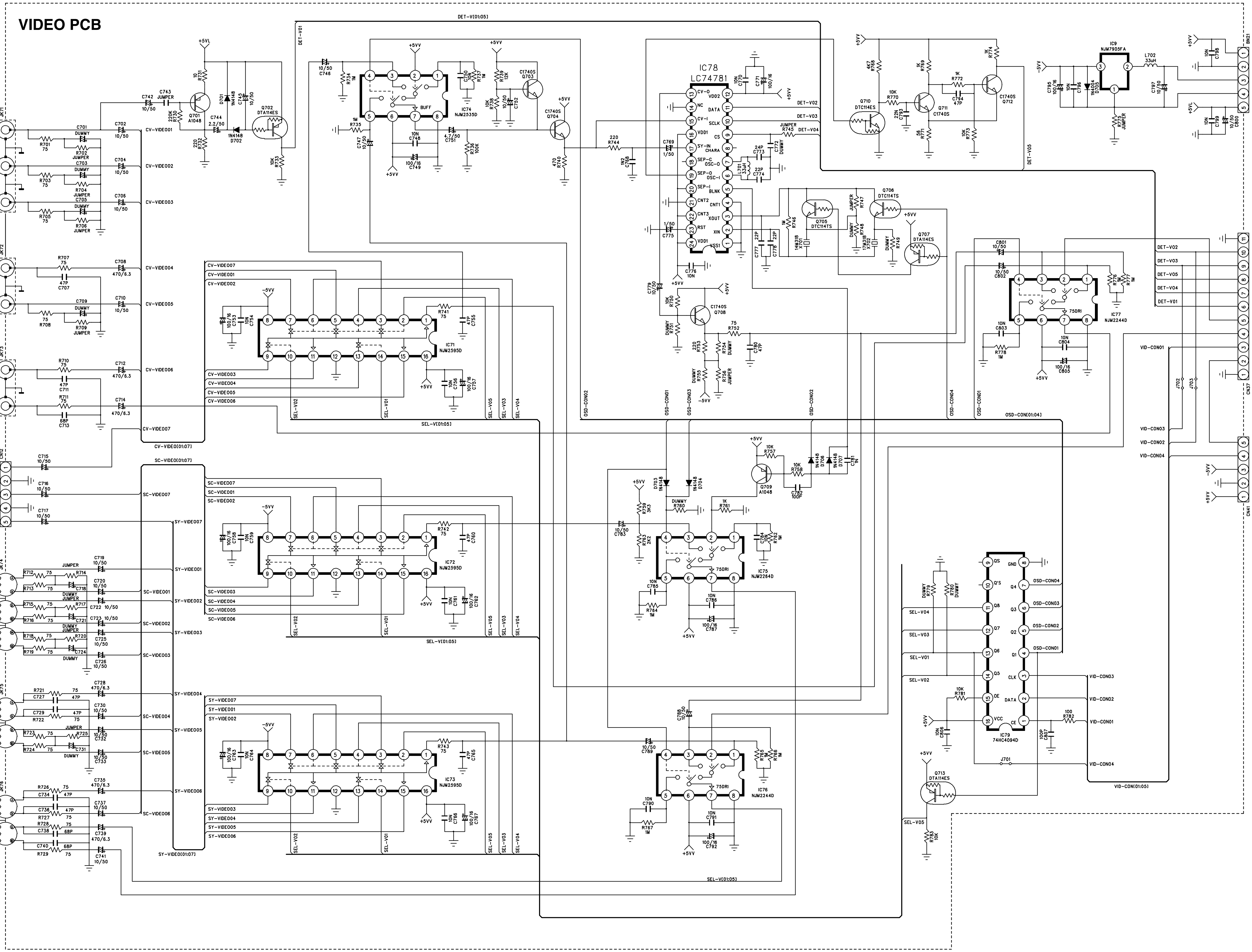

INPUT PCB -4/4
INPUT PCB 3/4
DSP PCB -1/2
DSP PCB -1/2
+12V
-7V
+7V
+5VL
+5VD
BN30
FROM DSP B'D
9P-2.0MM-WIRE
CN21
FROM VIDEO B'D
5P-2.0MM-PLUG
+5VV
-12V
BN29
FROM POWER B'D
8P-2.0MM-WIRE
CUP11592-3
TUNER B'D
TUNER
(F VER ONLY)
JK27
R394
R395
R396 82K
R397 82K
C397 470P
C398 470P
TUN-R
TUN-L
CN32
FROM INPUT B'D
3P-2.0MM-PLUG
(F VER ONLY)
CUP11592-2
CNT B'D
BN31
CN33
FROM INPUT B'D
7P-2.0MM-B'D TO B'D
FROM DSP B'D
7P-2.0MM-B'D TO B'D
LT
RT
CN24
MAIN-FL
MAIN-SL
MAIN-FR
MAIN-SR
MAIN-CNT
MAIN-SB
FROM AMP B'D
6P-2.0MM-PLUG
CN23
BN22
PRE-OUT01
PRE-OUT02
PRE-OUT03
PRE-OUT04
PRE-OUT05
PRE-OUT06
PRE-OUT07
PRE-FL
PRE-FR
PRE-SL
PRE-SR
PRE-CNT
PRE-SB
PRE-SW
FROM PREOUT B'D
13P-2.0MM-WIRE
JK18
PREOUT
FL
FR
SL
SR
CNT
SB
SW
CN22
FROM INPUT B'D
IC23
CS4382
+2V5
+3V3
DFS
_RSTDAC
IC24 M2068MD
IC25 M2068MD
IC26 M2068MD
IC27 M2068MD
D-FL
D-FR
D-SL
D-SR
D-SB
D-CNT
D-SW
GND
CN28
TO INPUT B'D
AUDATA0
AUDATA1
AUDATA2
AUDATA3
BCK0
LRCLK0
RMCK

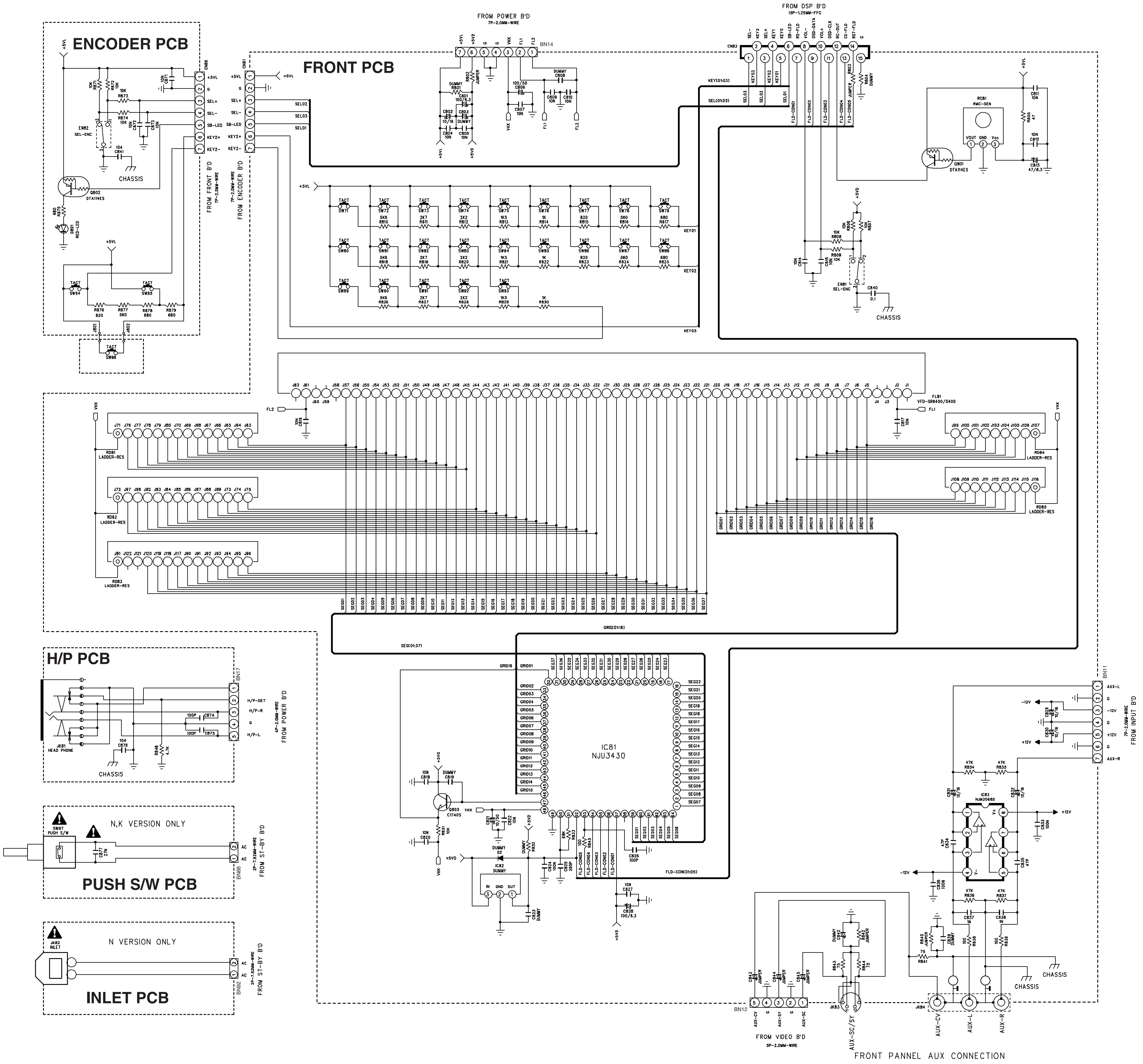
SR5400
OPT3,CO3 - DEL

DSP PCB -2/2

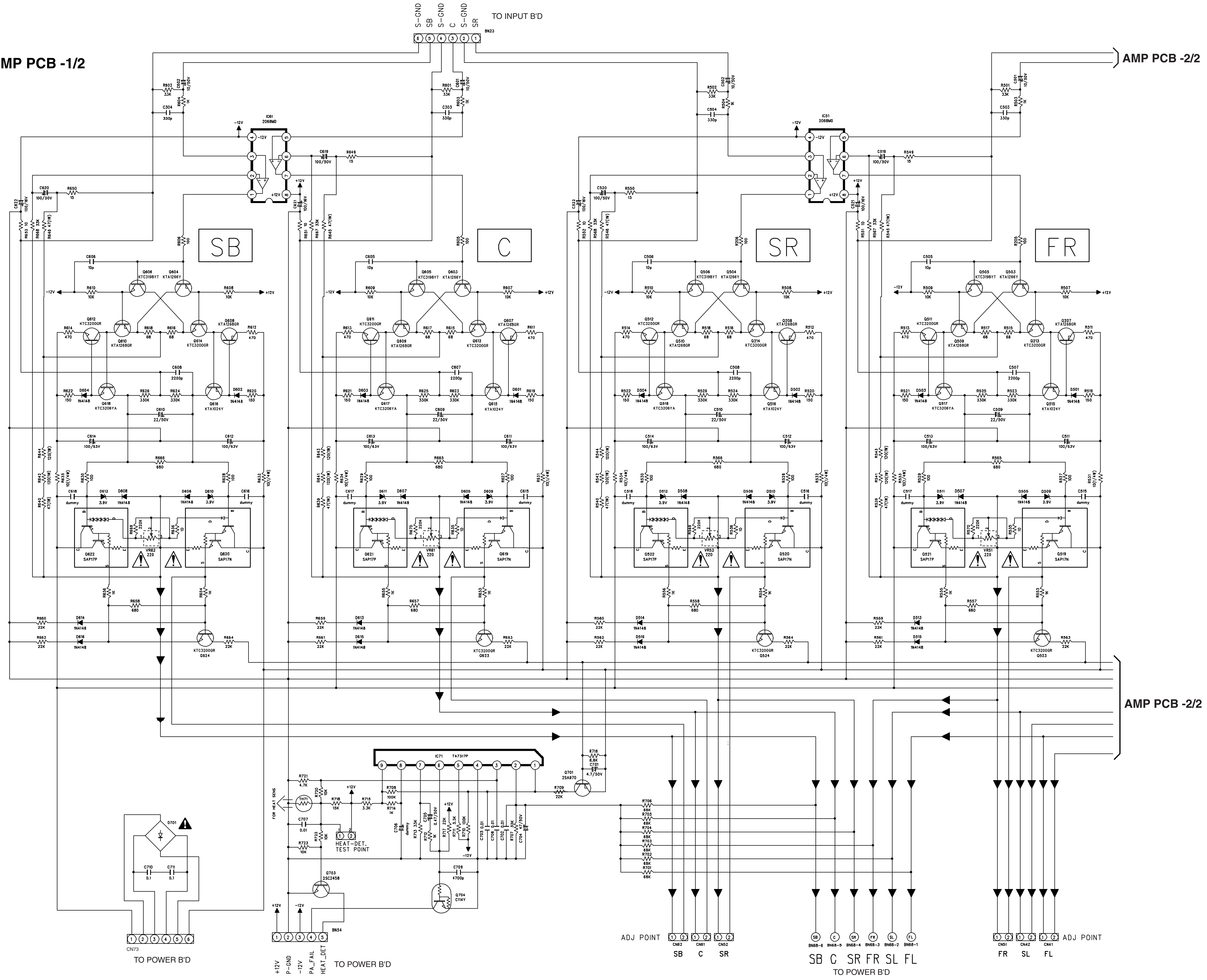

DIGITAL IN
OPT1
OPT2
OPT3
CO1
CO2
CO3
DIGITAL OUT
CO1
OPT1
RC-5 IN/OUT
RC_OUT
KILLIR
RC_IN
XSTATE
_CEDIR
_XMODE
IC11 TC74HCU04
IC12 TC74HCU04
IC13 LC89057W-VF4-E
IC17 74VHCT08
IC18 74HCT7007
IC14 2115
IC15 2115
IC16 CS5361
IC19 CS494003
IC20 4M FLASH
IC21 74VHCT08
IC22 74VHCT32
DSP PCB -1/2
AUDATA[0:4]
AD(2:18)
DA(0:7)
LT
RT
_ATT
-7V
_OVFL
_RSTADC
+5VD
+3V3
+2V5
+5VL
_RSTDSP
HINBUSY
_SCS
DSPDIN
REQ2
REQ1
DIR_INT
ERMUTE
RERR
D_A
BTMOD
_FCS
DSPCLK
DSPDOUT
A102S
C102S
D1304
E B C
BN33
T-R
T-GND
T-L
A-GND
RT
A-GND
LT
TO CNT B'D

VIDEO PCB

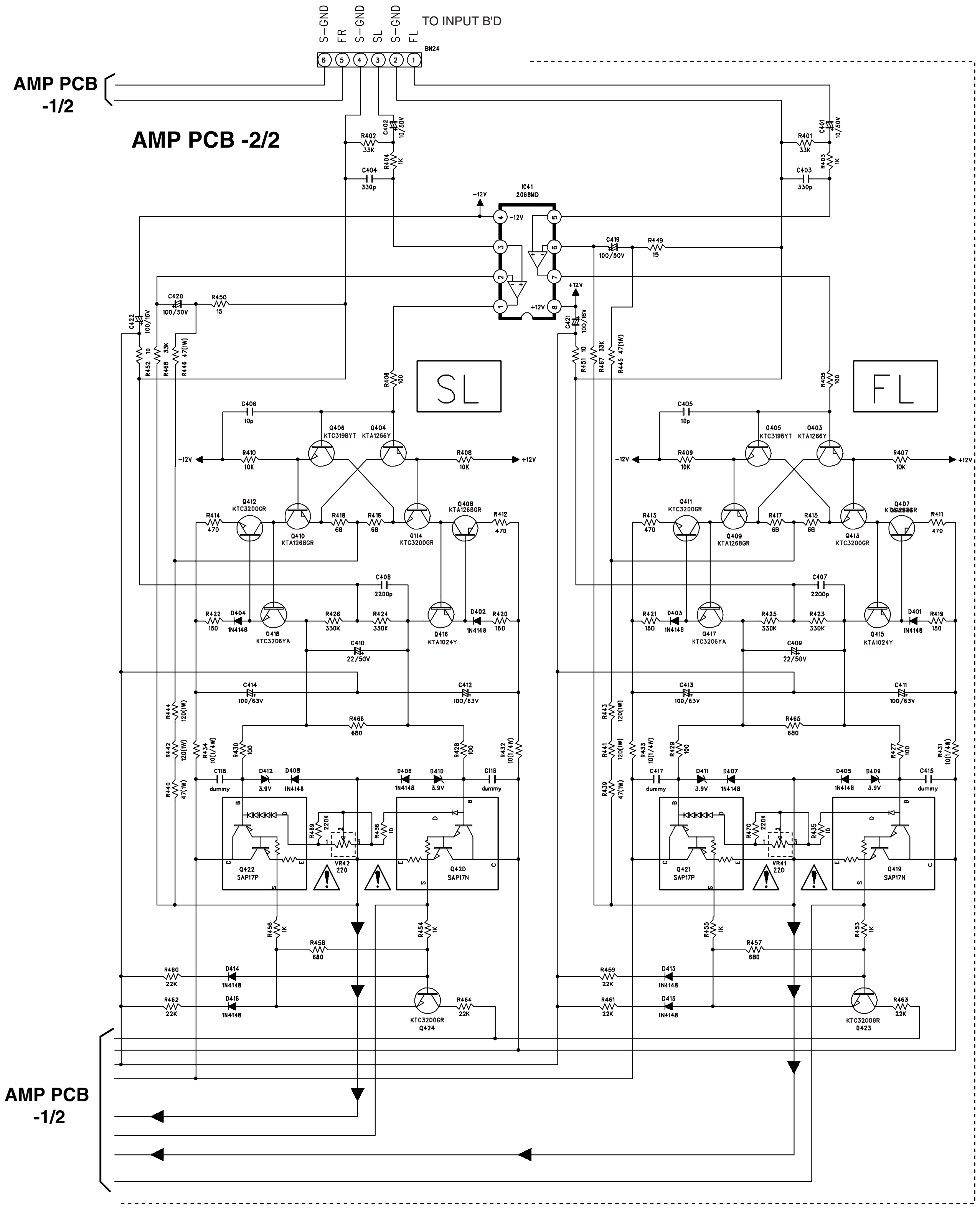

TV
DVD
VCR1 IN
VCR1 OUT
DSS/VCR2 IN
DSS/VCR2 OUT
MON OUT
JK71
JK72
JK73
JK74
JK75
JK76
FROM FRONT B'D
5P-2.0MM-WAFER
CN12
AUX-CV
G
AUX-SC
G
AUX-SY
CV-VIDEO(01:07)
SC-VIDEO(01:07)
SY-VIDEO(01:07)
DET-V(01:05)
SEL-V(01:05)
OSD-CON(01:04)
VID-CON(01:05)
IC71 NJM2595D
IC72 NJM2595D
IC73 NJM2595D
IC74 NJM2535D
IC75 NJM2284D
IC76 NJM2244D
IC77 NJM2244D
IC78 LC74781
IC79 74HC4094D
IC9 NJM7905FA
Q701 A1048
Q702 DTA114ES
Q703 C1740S
Q704 C1740S
Q705 DTC114TS
Q706 DTC114TS
Q707 DTA114ES
Q708 C1740S
Q709 A1048
Q710 DTC114ES
Q711 C1740S
Q712 C1740S
Q713 DTA114ES
+5VV
+5VL
-5VV
-12V
BN21
11P-2MM-WAFER
FROM DSP B'D
+5VV
G
-12V
G
+5VL
CN37
11P-1MM-FFC
FROM DSP B'D
G
OSD-DATA
OSD-CLK
V-SYNC
OSD-CE
TV-AUTO
CV-OSD
Y-OSD
EX-CE
CP-SEL
G
CN41
5P-2.0MM-WAFER
FROM COMPONENT B'D
CP-SEL
CP-MUTE
-5VV
G
+5VV
DET-V01
DET-V02
DET-V03
DET-V04
DET-V05
SEL-V01
SEL-V02
SEL-V03
SEL-V04
SEL-V05
OSD-CON01
OSD-CON02
OSD-CON03
OSD-CON04
VID-CON01
VID-CON02
VID-CON03
VID-CON04
CV-O
VDD2
NC
DATA
CV-I
SCLK
VDD1
CS
SY-IN
CHARA
SEP-C
OSC-O
SEP-O
OSC-I
SEP-I
BLNK
CNT2
CNT1
CNT3
XOUT
RST
XIN
VDD1
VSS1
QS
GND
Q'S
Q4
Q8
Q3
Q7
Q2
Q6
Q1
Q5
CLK
OE
DATA
VCC
CE
BUFF
75ΩRI
J701
J702
J703
L701
L702 33uH


ENCODER PCB
FRONT PCB
H/P PCB
PUSH S/W PCB
INLET PCB
FROM POWER B'D
7P-2.0MM-WIRE
BN14
FROM DSP B'D
15P-1.25MM-FFC
CN83
FROM FRONT B'D
7P-2.0MM-WIRE
FROM ENCODER B'D
CN86
CN81
EN82
SEL-ENC
CHASSIS
Q802
DTA114ES
D801
RED-LED
RC81
RMC-SEN
Q801
DTA114ES
EN81
SEL-ENC
KEY01
KEY02
KEY03
SEL02
SEL03
SEL01
FL81
VFD-SR6400/5400
RD81
LADDER-RES
RD82
LADDER-RES
RD83
LADDER-RES
RD84
LADDER-RES
RD85
LADDER-RES
SEG[01:37]
GRID[01:18]
IC81
NJU3430
Q803
C1740S
IC82
DUMMY
FLD-CON[01:05]
BN17
4P-2.0MM-WIRE
FROM POWER B'D
JK81
HEAD PHONE
N,K VERSION ONLY
SW97
PUSH S/W
BN88
2P-7.92MM-WIRE
FROM ST-BY B'D
N VERSION ONLY
JK82
INLET
BN92
2P-7.92MM-WIRE
FROM ST-BY B'D
BN11
7P-2.0MM-WIRE
FROM INPUT B'D
IC83
NJM2068D
BN12
FROM VIDEO B'D
5P-2.0MM-WIRE
JK83
AUX-SC/SY
JK84
AUX-CV
AUX-L
AUX-R
FRONT PANNEL AUX CONNECTION

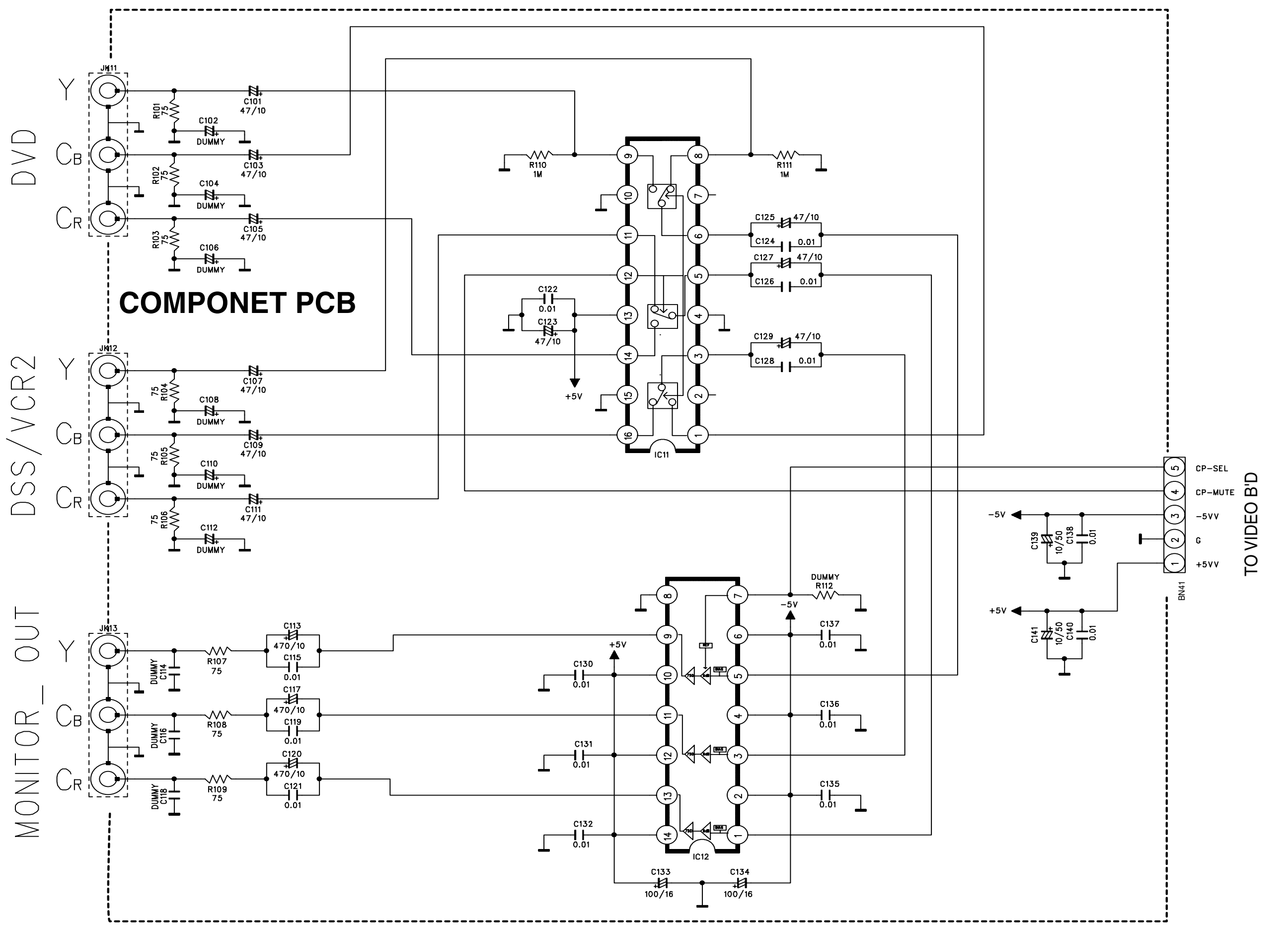
AMP PCB -1/2


S-GND
SB
S-GND
C
S-GND
SR
TO INPUT B'D
BN23
AMP PCB -2/2
IC61 2068MD
IC51 2068MD
SB
C
SR
FR
KTC3198YT
KTA1266Y
KTC3200GR
KTA1268GR
KTC3206YA
KTA1024Y
1N4148
SAP17P
SAP17N
Q622
Q620
Q621
Q619
Q522
Q520
Q521
Q519
Q624
Q623
Q524
Q523
VR62 220
VR61 220
VR52 220
VR51 220
AMP PCB -2/2
IC71 TA7317P
Q701 2SA970
Q703 2SC2458
Q704 C114Y
TH71
FOR HEAT SENS
HEAT-DET. TEST POINT
D701
C710 0.1
C711 0.1
CN73
TO POWER B'D
+12V
P-GND
-12V
PA_FAIL
HEAT_DET
BN54
TO POWER B'D
ADJ POINT
CN62
CN61
CN52
SB
C
SR
BN68-6
BN68-5
BN68-4
BN68-3
BN68-2
BN68-1
SB C SR FR SL FL
TO POWER B'D
CN51
CN42
CN41
FR
SL
FL
ADJ POINT

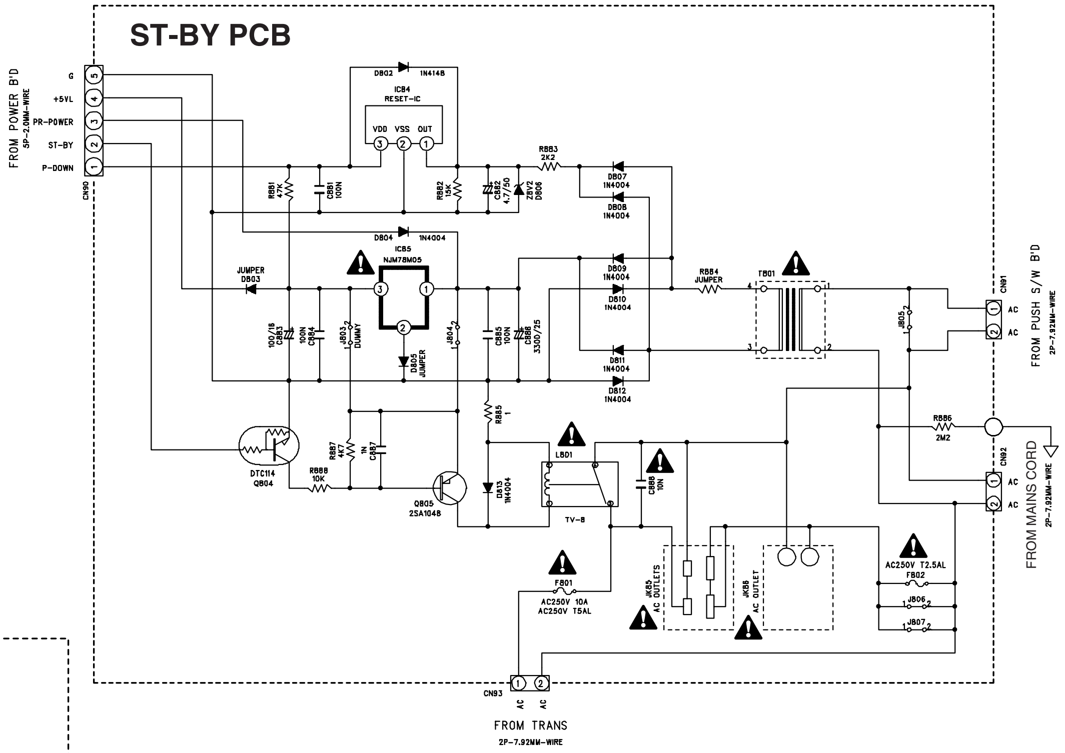
AMP PCB -2/2


S-GND
FR
S-GND
SL
S-GND
FL
TO INPUT B'D
BN24
AMP PCB -1/2
IC41
2068MD
SL
FL
Q422 SAP17P
Q420 SAP17N
Q421 SAP17P
Q419 SAP17N
VR42 220
VR41 220
KTC3200GR Q424
KTC3200GR Q423
-12V
+12V
AMP PCB -1/2

COMPONET PCB

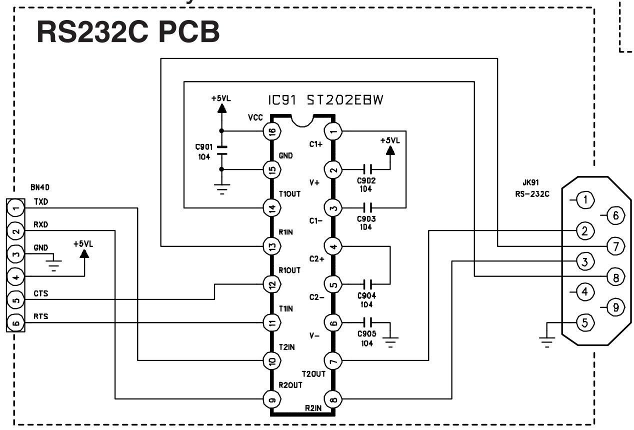

DVD
Y
CB
CR
DSS/VCR2
Y
CB
CR
MONITOR_ OUT
Y
CB
CR
JK11
JK12
JK13
IC11
IC12
CP-SEL
CP-MUTE
-5VV
G
+5VV
BN11
TO VIDEO B'D

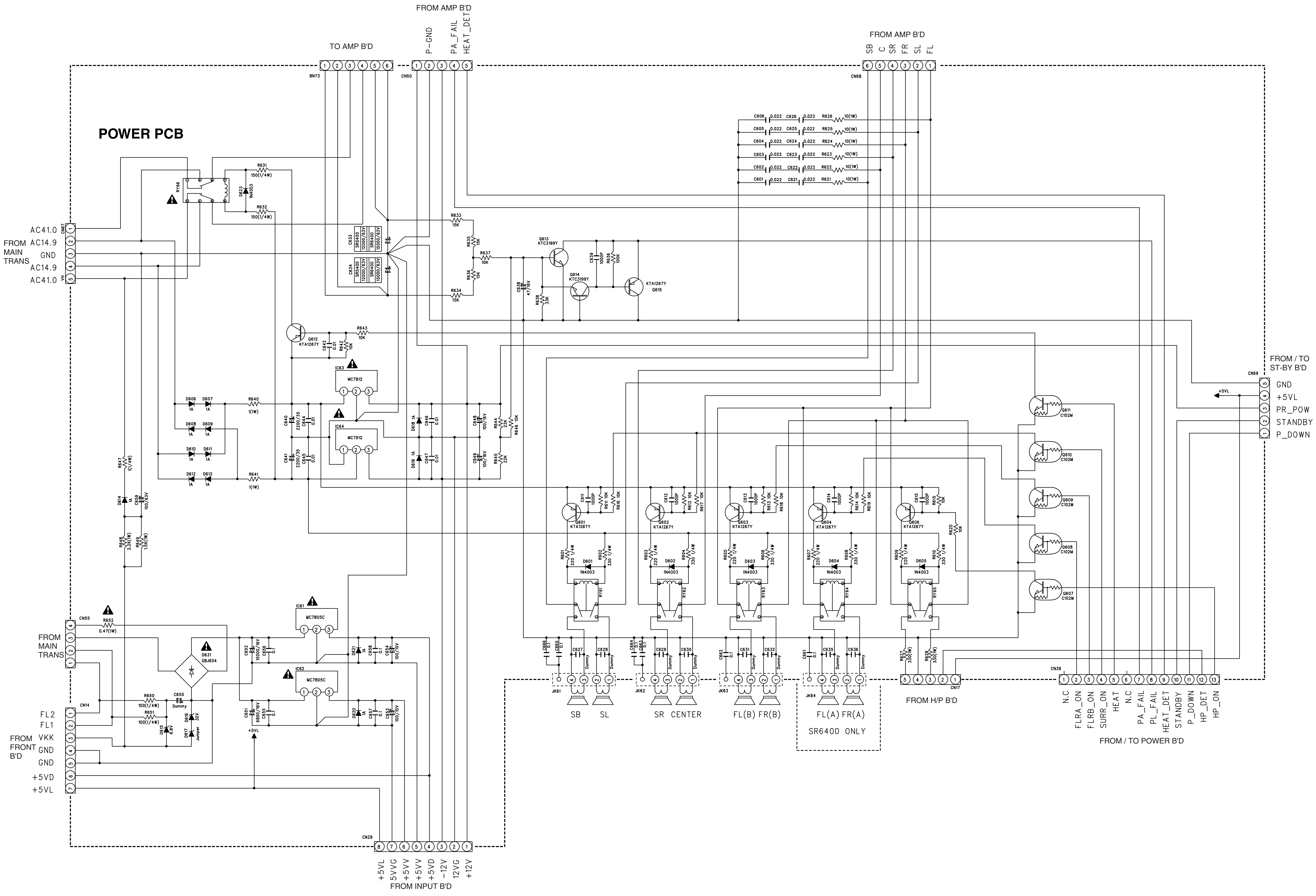
ST-BY PCB


FROM POWER B'D
5P-2.0MM-WIRE
G
+5VL
PR-POWER
ST-BY
P-DOWN
CN80
IC84 RESET-IC
IC85 NJM78M05
DTC114 Q804
Q805 2SA1048
L801
TV-8
TB01
F801 AC250V 10A AC250V T5AL
F802 AC250V T2.5AL
JK85 AC OUTLETS
JK81 AC OUTLET
FROM PUSH S/W B'D
2P-7.92MM-WIRE
CN81
FROM MAINS CORD
CN82
CN83
FROM TRANS
2P-7.92MM-WIRE

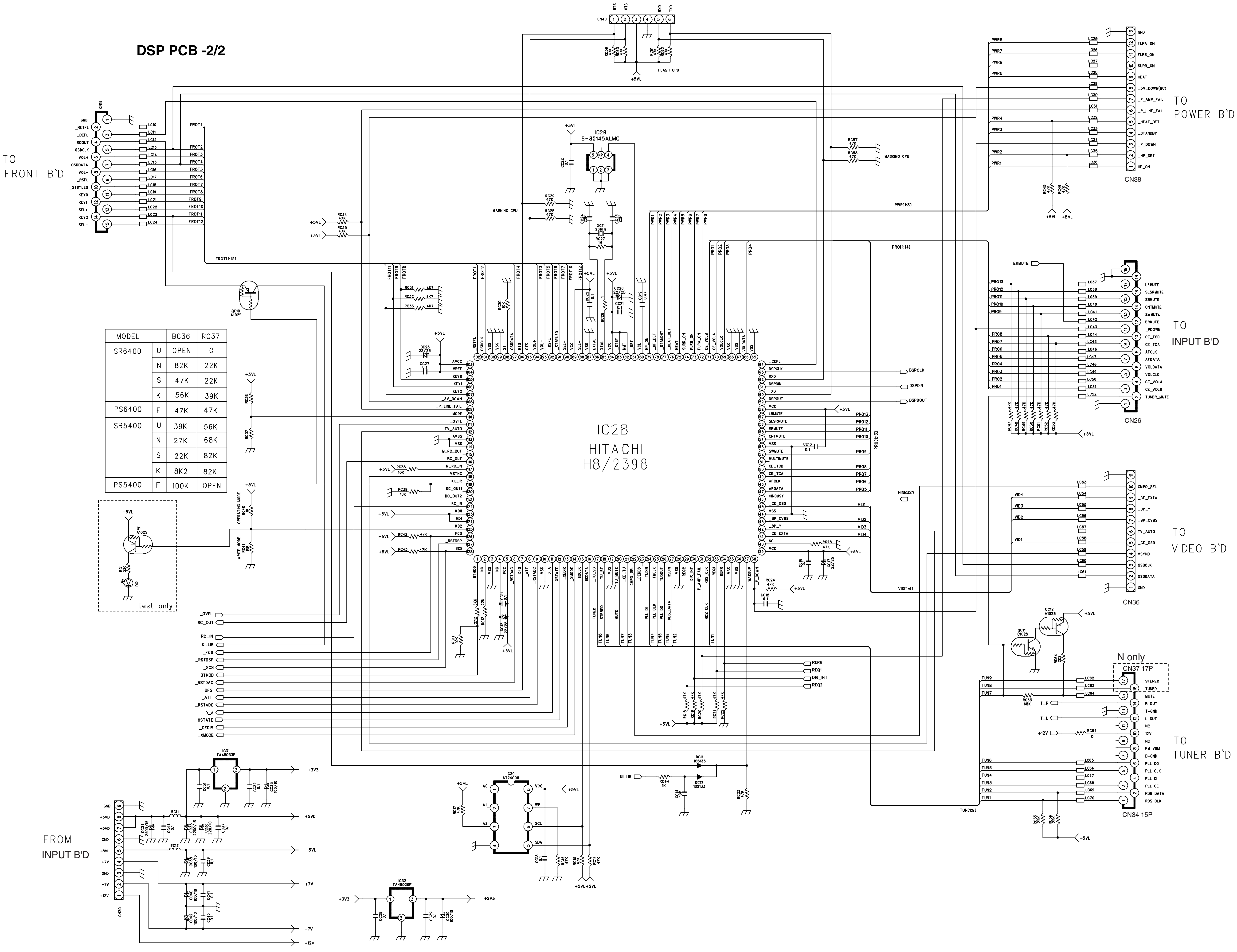
SR6400 only

RS232C PCB


IC91 ST202EBW
+5VL
VCC
GND
T1OUT
R1IN
R1OUT
T1IN
T2IN
R2OUT
R2IN
T2OUT
V-
C2-
C2+
C1-
V+
C1+
BN40
TXD
RXD
GND
CTS
RTS
FROM DSP B'D
JK91 RS-232C
N/C
DTR
TXD
CTS
RXD
RTS
DSR
N/C
GND


POWER PCB
TO AMP B'D
FROM AMP B'D
P-GND
PA_FAIL
HEAT_DET
BN73
CN50
CN68
FROM AMP B'D
SB
C
SR
FR
SL
FL
CN67
FROM MAIN TRANS
AC41.0
AC14.9
GND
AC14.9
AC41.0
RY66
R631 150(1/4W)
R632 150(1/4W)
D623 1N4003
C633
C634
SR6400
12000/63V
15000/63V
R633 15K
R634 15K
R635 15K
R636 15K
R637 10K
Q613 KTC3199Y
Q614 KTC3199Y
Q615 KTA1267Y
C638 47/16V
R638 33K
C639 1000P
R639 10K
C601 0.022
C602 0.022
C603 0.022
C604 0.022
C605 0.022
C606 0.022
C621 0.022
C622 0.022
C623 0.022
C624 0.022
C625 0.022
C626 0.022
R621 10(1W)
R622 10(1W)
R623 10(1W)
R624 10(1W)
R625 10(1W)
R626 10(1W)
Q612 KTA1267Y
C642 0.01
R642 10K
R643 10K
IC63 MC7812
IC64 MC7912
D606 1A
D607 1A
D608 1A
D609 1A
D610 1A
D611 1A
D612 1A
D613 1A
R640 1(1W)
R641 1(1W)
C640 2200/35
C641 2200/35
C644 0.01
C645 0.01
D618 1A
D619 1A
C646 0.01
C647 0.01
C648 100/16V
C649 100/16V
R644 22K
R645 22K
R646 10K
R647 1(1/4W)
D614 1A
C659 100/63V
R648 2.2K(1W)
R649 1.5K(1W)
FROM / TO ST-BY B'D
CN69
GND
+5VL
PR_POW
STANDBY
P_DOWN
Q611 C102M
Q610 C102M
Q609 C102M
Q608 C102M
Q607 C102M
Q601 KTA1267Y
Q602 KTA1267Y
Q603 KTA1267Y
Q604 KTA1267Y
Q606 KTA1267Y
C611 1000P
C612 1000P
C613 1000P
C614 1000P
C615 1000P
R611 10K
R612 10K
R613 10K
R614 10K
R615 10K
R616 10K
R617 10K
R618 10K
R619 10K
R620 10K
R601 220 1/4W
R602 330 1/4W
R603 220 1/4W
R604 330 1/4W
R605 220 1/4W
R606 330 1/4W
R607 220 1/4W
R608 330 1/4W
R609 220 1/4W
R610 330 1/4W
D601 1N4003
D602 1N4003
D603 1N4003
D604 1N4003
D605 1N4003
RY61
RY62
RY63
RY64
RY65
CN55
FROM MAIN TRANS
R652 0.47(1W)
D631 GBJ604
IC61 MC7805C
IC62 MC7805C
C652 10000/16V
C656 0.1
D621 1A
C658 0.1
C654 100/10V
C651 6800/16V
C655 0.1
D620 1A
C657 0.1
C653 100/10V
+5VL
CN14
R650 100(1/4W)
R651 100(1/4W)
C650 Dummy
D615 6.8V
D616 30V
D617 Jumper
FROM FRONT B'D
FL2
FL1
VKK
GND
GND
+5VD
+5VL
CN29
+5VL
5VVG
+5VV
+5VV
+5VD
-12V
12VG
+12V
FROM INPUT B'D
C666 0.1
C665 0.1
C627 Dummy
C628 Dummy
C664 0.1
C663 0.1
C629 Dummy
C630 Dummy
C662 0.1
C631 Dummy
C632 Dummy
C661 0.1
C635 Dummy
C636 Dummy
R627 330(1W)
R628 330(1W)
JK61
JK62
JK63
JK64
SB
SL
SR
CENTER
FL(B)
FR(B)
FL(A)
FR(A)
SR6400 ONLY
CN17
FROM H/P B'D
CN39
N.C
FLRA_ON
FLRB_ON
SURR_ON
HEAT
N.C
PA_FAIL
PL_FAIL
HEAT_DET
STANDBY
P_DOWN
HP_DET
HP_ON
FROM / TO POWER B'D

DSP PCB -2/2



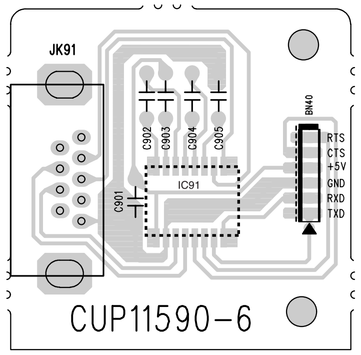
TO FRONT B'D
CN18
GND
_RETFL
_CEFL
RCOUT
OSDCLK
VOL+
OSDDATA
VOL-
_RSFL
_STBYLED
KEY0
KEY1
SEL+
KEY2
SEL-
FROT[1:12]
QC10 A102S
CN40
RTS
CTS
RXD
TXD
FLASH CPU
+5VL
IC29
S-80145ALMC
MASKING CPU
XC11 20MHz
IC28
HITACHI
H8/2398
TO POWER B'D
CN38
GND
FLRA_ON
FLRB_ON
SURR_ON
HEAT
_5V_DOWN(NC)
_P_AMP_FAIL
_P_LINE_FAIL
_HEAT_DET
_STANDBY
_P_DOWN
_HP_DET
HP_ON
PWR[1:8]
PRO[1:14]
TO INPUT B'D
CN26
ERMUTE
LRMUTE
SLSRMUTE
SBMUTE
CNTMUTE
SWMUTE
_PDOWN
CE_TCB
CE_TCA
AFCLK
AFDATA
VOLDATA
VOLCLK
CE_VOLA
CE_VOLB
TUNER_MUTE
DSPCLK
DSPDIN
DSPDOUT
HINBUSY
TO VIDEO B'D
CN36
CMPO_SEL
_CE_EXTA
_BP_Y
_BP_CVBS
TV_AUTO
_CE_OSD
VSYNC
OSDCLK
OSDDATA
GND
VID[1:4]
QC11 C102S
QC12 A102S
N only
CN37 17P
STEREO
TUNED
MUTE
R OUT
T-GND
L OUT
NC
12V
NC
FM VSM
D-GND
PLL DO
PLL CLK
PLL DI
PLL CE
RDS DATA
RDS CLK
CN34 15P
TO TUNER B'D
TUN[1:9]
RERR
REQ1
DIR_INT
REQ2
KILLIR
DC11 1SS133
DC12 1SS133
test only
Q1 A102S
OPERATING MODE
WRITE MODE
_OVFL
RC_OUT
RC_IN
KILLIR
_FCS
_RSTDSP
_SCS
BTMOD
_RSTDAC
DFS
_ATT
_RSTADC
D_A
XSTATE
_CEDIR
_XMODE
IC31 TA48033F
+3V3
+5VD
+5VL
+7V
-7V
+12V
FROM INPUT B'D
CN30
IC30 AT24C08
A0
A1
A2
VCC
WP
SCL
SDA
IC32 TA48025F
+3V3
+2V5

MODEL		BC36	RC37
SR6400	U	OPEN	0
	N	82K	22K
	S	47K	22K
	K	56K	39K
PS6400	F	47K	47K
SR5400	U	39K	56K
	N	27K	68K
	S	22K	82K
	K	8K2	82K
PS5400	F	100K	OPEN

6. PARTS LOCATION

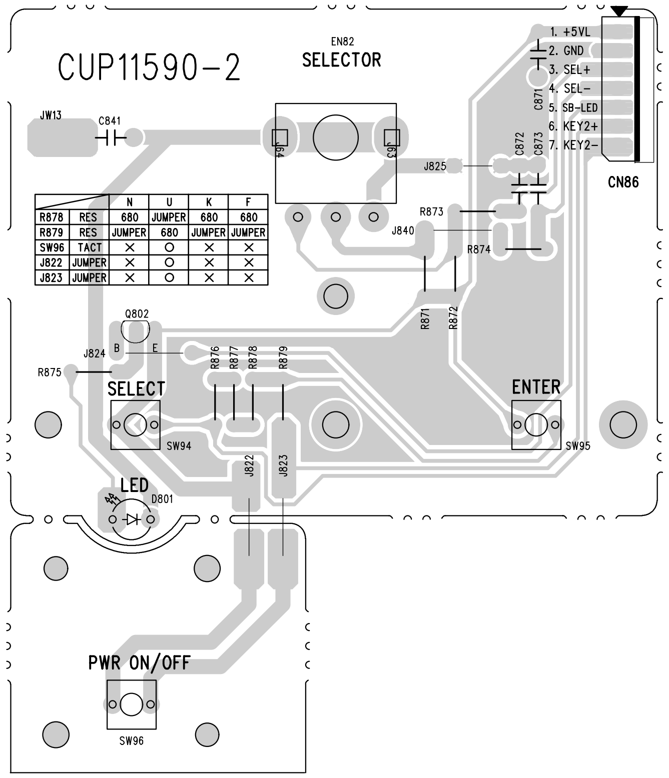
RS232C [SR6400 only]

IC91


JK91
C902
C903
C904
C905
C901
IC91
CN40
RTS
CTS
+5V
GND
RXD
TXD
CUP11590-6

ENCODER & TACT

Q802


CUP11590-2
EN82
SELECTOR
JW13
C841
J825
J840
R873
R874
R871
R872
1. +5VL
2. GND
3. SEL+
4. SEL-
5. SB-LED
6. KEY2+
7. KEY2-
CN86
C871
C872
C873
Q802
B
E
J824
R875
R876
R877
R878
R879
SELECT
SW94
ENTER
SW95
J822
J823
LED
D801
PWR ON/OFF
SW96

		N	U	K	F
R878	RES	680	JUMPER	680	680
R879	RES	JUMPER	680	JUMPER	JUMPER
SW96	TACT	×	○	×	×
J822	JUMPER	×	○	×	×
J823	JUMPER	×	○	×	×

DSP A

IC11 IC12
Q105 Q106

IC101 - IC103 IC14 IC15
IC13 IC17 IC18
Q1 IC31 IC32

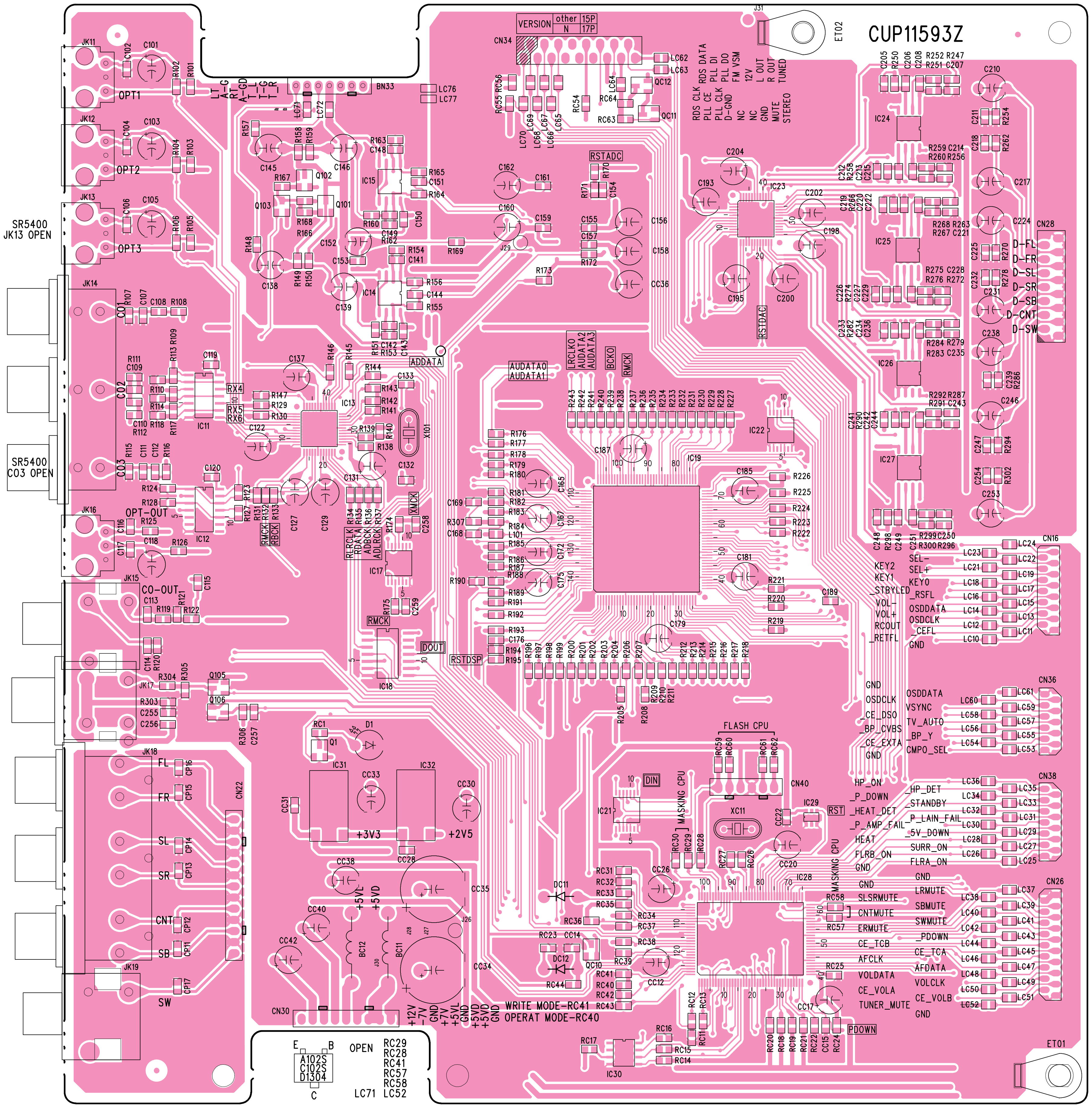
QC12 QC11
IC19
QC10 IC21 IC30

IC23
IC22
IC28 IC29

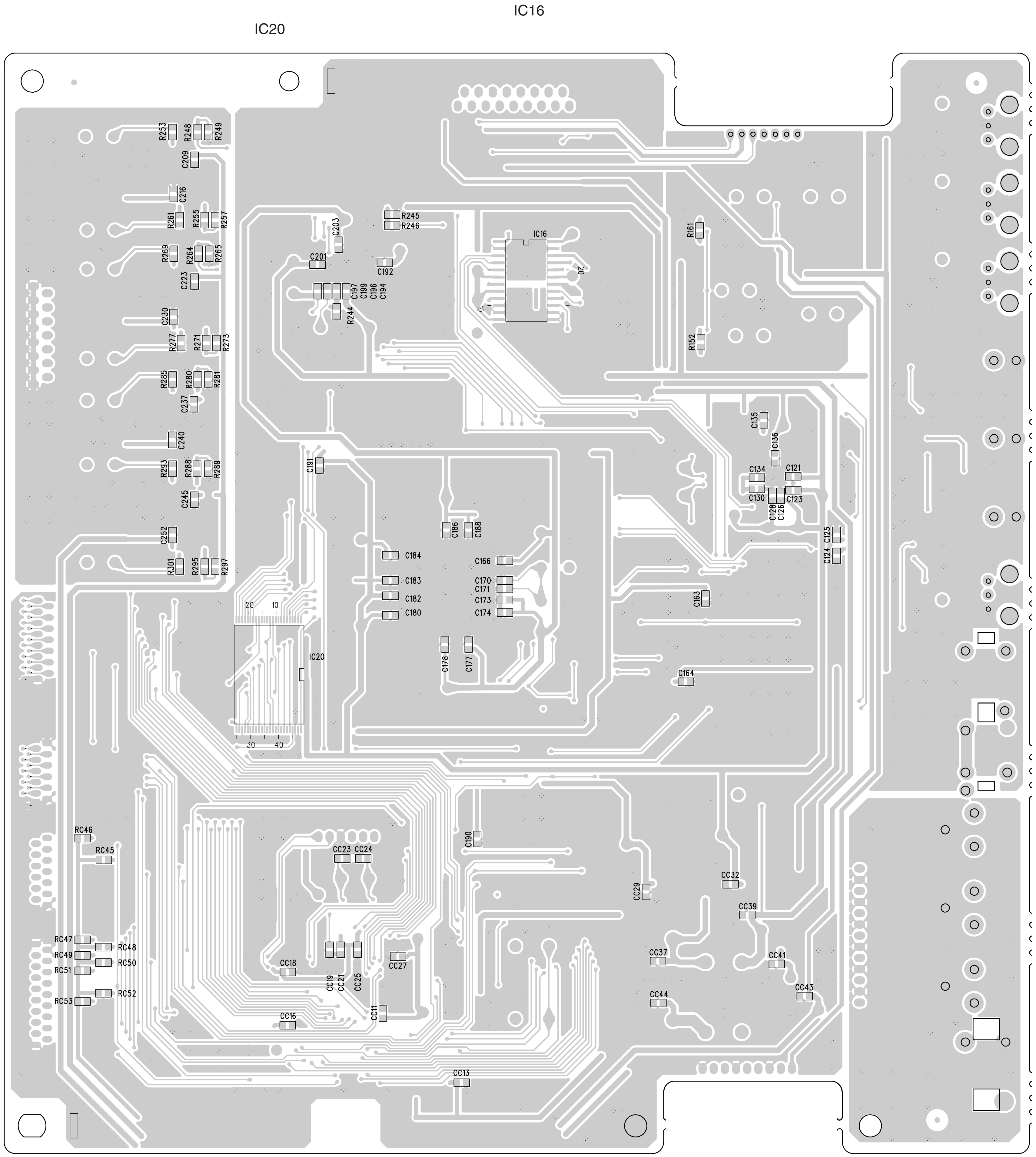
IC24 IC25
IC26 IC27

SR5400
JK13 OPEN

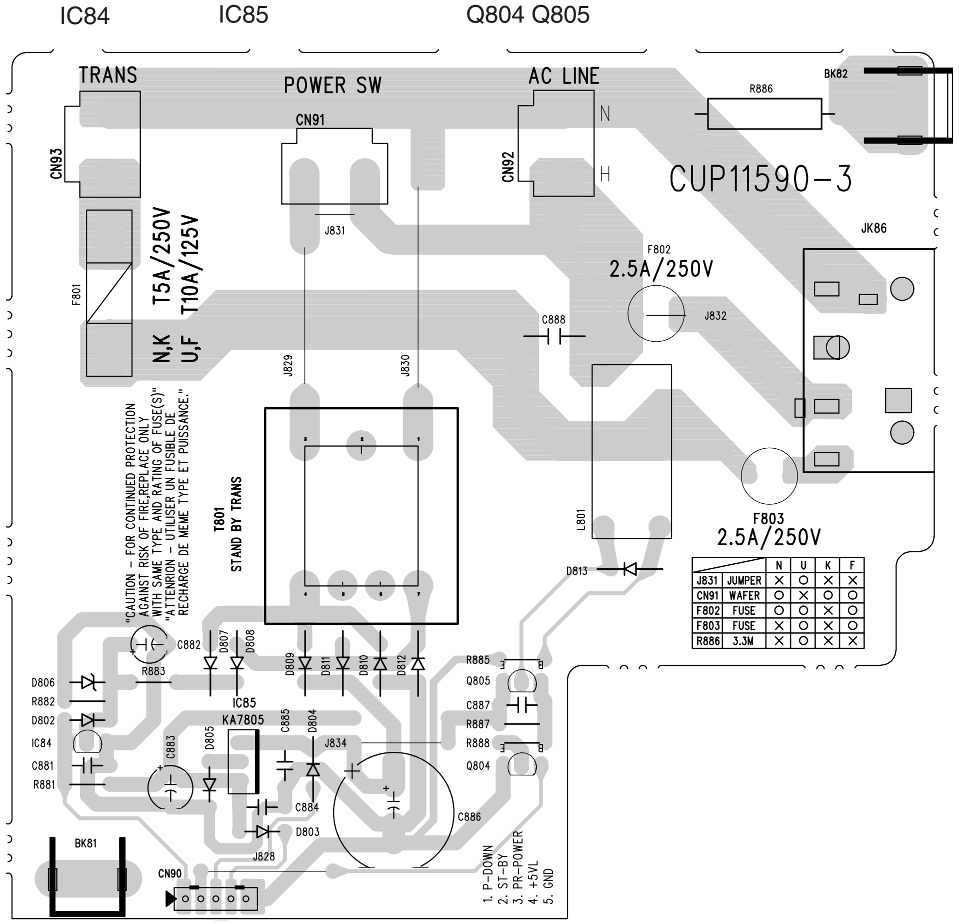
SR5400
CO3 OPEN


CUP11593Z
JK11
OPT1
JK12
OPT2
JK13
OPT3
JK14
CO1
CO2
CO3
JK16
OPT-OUT
JK15
CO-OUT
JK17
JK18
FL
FR
SL
SR
CNT
SB
JK19
SW
CN22
BN33
CN34
VERSION
other 15P
N 17P
RDS DATA
PLL DI
PLL DO
FM VSM
12V
L OUT
R OUT
TUNED
RDS CLK
PLL CE
PLL CLK
D-GND
NC
NC
GND
MUTE
STEREO
RSTADC
RSTDAC
ADDATA
AUDATA0
AUDATA1
LRCLKO
AUDATA2
AUDATA3
BCKO
RMCK
XMCK
RMCK
DOUT
RSTDSP
X101
IC13
IC14
IC15
IC17
IC18
IC19
IC22
IC23
IC24
IC25
IC26
IC27
CN28
D-FL
D-FR
D-SL
D-SR
D-SB
D-CNT
D-SW
CN16
KEY2
KEY1
STBYLED
VOL-
VOL+
RCOUT
RETFL
SEL-
SEL+
KEY0
RSFL
OSDDATA
OSDCLK
CEFL
GND
CN36
OSDCLK
CE_DSO
BP_CVBS
CE_EXTA
OSDDATA
VSYNC
TV_AUTO
BP_Y
CMPO_SEL
CN38
HP_ON
P_DOWN
HEAT_DET
P_AMP_FAIL
HEAT
FLRB_ON
HP_DET
STANDBY
P_LAIN_FAIL
5V_DOWN
SURR_ON
FLRA_ON
CN26
SLSRMUTE
CNTMUTE
ERMUTE
CE_TCB
AFCLK
VOLDATA
CE_VOLA
TUNER_MUTE
LRMUTE
SBMUTE
SWMUTE
PDOWN
CE_TCA
AFDATA
VOLCLK
CE_VOLB
FLASH CPU
MASKING CPU
MASKING CPU
DIN
RST
PDOWN
CN40
X11
IC21
IC28
IC30
IC31
IC32
+3V3
+2V5
+5VL
+5VD
CN30
+12V
-7V
GND
+7V
+5VL
GND
+5VD
+5VD
GND
WRITE MODE-RC41
OPERAT MODE-RC40
E
B
C
A1025
C1025
D1304
OPEN
RC29
RC28
RC41
RC57
RC58
LC71 LC52
ET01
ET02
J31

DSP B

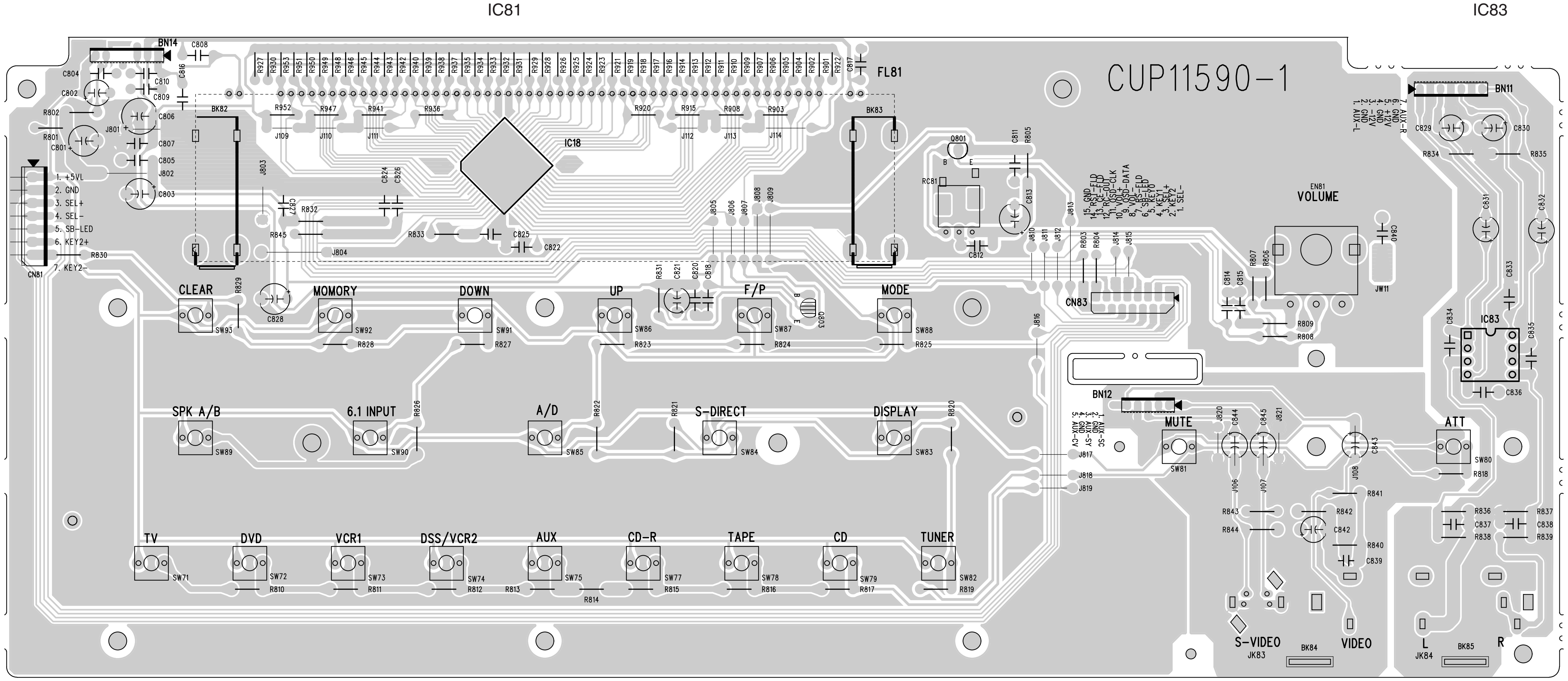

IC16
IC20
IC16
IC20
R245
R246
R161
R152
C201
C203
C192
C197
C199
C196
C194
R244
R253
R248
R249
C209
C216
R261
R255
R257
R269
R264
R265
C223
C230
R277
R271
R273
R285
R280
R281
C237
C240
R293
R288
R289
C245
C252
R301
R295
R297
C135
C136
C134
C121
C130
C128
C126
C123
C125
C124
C191
C186
C188
C184
C166
C183
C170
C171
C173
C174
C182
C180
C163
C178
C177
C164
C190
RC46
RC45
RC47
RC48
RC49
RC50
RC51
RC52
RC53
CC23
CC24
CC32
CC29
CC39
CC18
CC19
CC21
CC25
CC27
CC37
CC41
CC44
CC43
CC16
CC11
CC13
20
10
30
40

ST-BY

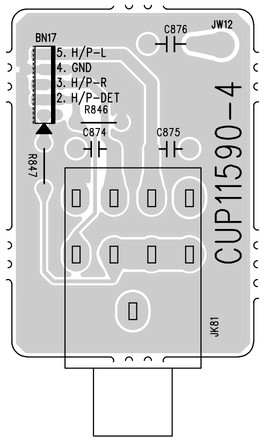

IC84
IC85
Q804 Q805
TRANS
POWER SW
AC LINE
CN93
CN91
CN92
N
H
R886
BK82
CUP11590-3
JK86
F801
N,K T5A/250V
U,F T10A/125V
J831
F802
2.5A/250V
J832
C888
J829
J830
"CAUTION - FOR CONTINUED PROTECTION
AGAINST RISK OF FIRE,REPLACE ONLY
WITH SAME TYPE AND RATING OF FUSE(S)"
"ATTENRION - UTILISER UN FUSIBLE DE
RECHARGE DE MEME TYPE ET PUISSANCE."
T801
STAND BY TRANS
L801
F803
2.5A/250V
D813
C882
R883
D807
D808
D809
D811
D810
D812
D806
R882
D802
IC84
C881
R881
IC85
KA7805
D805
C883
C885
D804
J834
C884
D803
J828
C886
R885
Q805
C887
R887
R888
Q804
BK81
CN90
1. P-DOWN
2. ST-BY
3. PR-POWER
4. +5VL
5. GND

		N	U	K	F
J831	JUMPER	×	○	×	×
CN91	WAFER	○	×	○	○
F802	FUSE	○	○	×	○
F803	FUSE	×	○	×	○
R886	3.3M	×	○	×	×

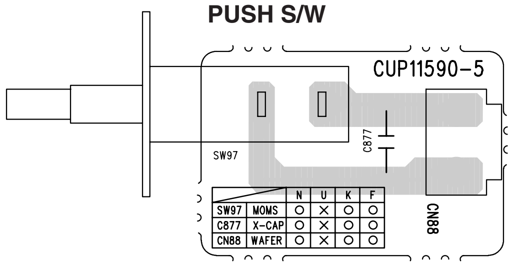
FRONT


IC81
IC83
CUP11590-1
BN14
FL81
BK82
BK83
IC18
CN81
1. +5VL
2. GND
3. SEL+
4. SEL-
5. SB-LED
6. KEY2+
7. KEY2-
Q801
RC81
CN83
15. GND
14. VFE-FLD
13. GND
12. GND
11. VSD-CLK
10. VSD-CS
9. VSD-DATA
8. GND
7. SBS-FLD
6. SBS-LED
5. +5VD
4. SEL+
3. KEY2+
2. KEY2-
1. SEL-
EN81
VOLUME
JW11
BN11
1. AUX-L
2. GND
3. -12V
4. GND
5. +12V
6. GND
7. AUX-R
BN12
1. GND-SC
2. AUX-SY
3. GND
4. AUX-CV
CLEAR
MOMORY
DOWN
UP
F/P
MODE
SPK A/B
6.1 INPUT
A/D
S-DIRECT
DISPLAY
MUTE
ATT
TV
DVD
VCR1
DSS/VCR2
AUX
CD-R
TAPE
CD
TUNER
SW93
SW92
SW91
SW86
SW87
SW88
SW89
SW90
SW85
SW84
SW83
SW81
SW80
SW71
SW72
SW73
SW74
SW75
SW77
SW78
SW79
SW82
S-VIDEO
JK83
BK84
VIDEO
L
JK84
BK85
R

H/P

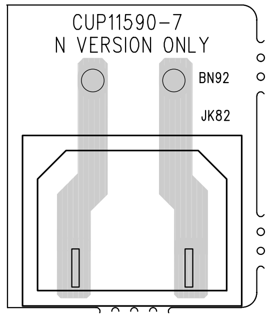

BN17
5. H/P-L
4. GND
3. H/P-R
2. H/P-DET
R846
R847
C876
JW12
C874
C875
CUP11590-4
JK81

PUSH S/W

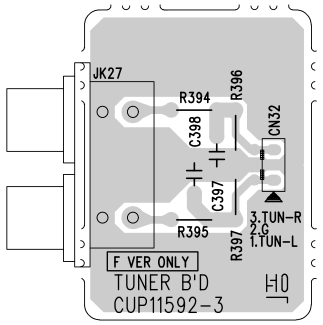

CUP11590-5
SW97
C877
CN88

		N	U	K	F
SW97	MOMS	○	×	○	○
C877	X-CAP	○	×	○	○
CN88	WAFER	○	×	○	○

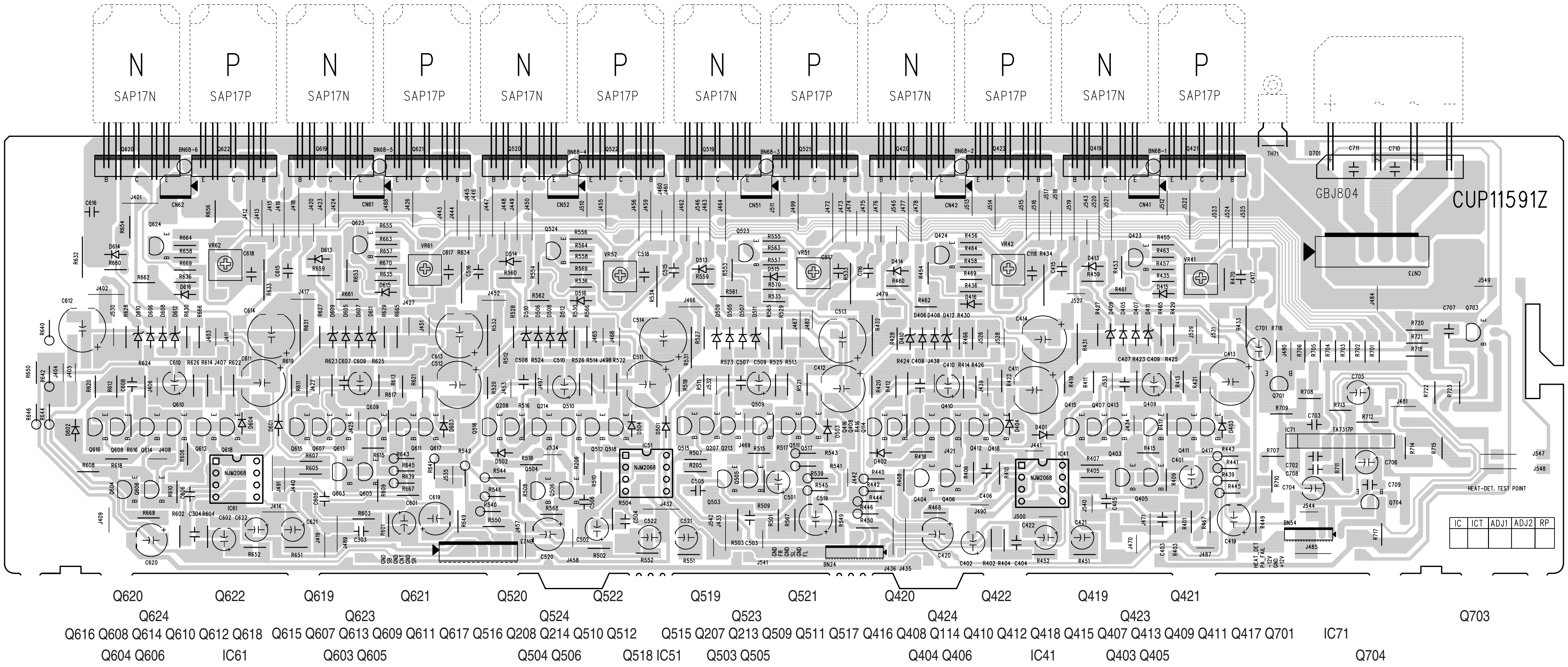
INLET


CUP11590-7
N VERSION ONLY
BN92
JK82

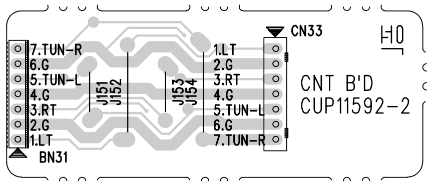
TUNER [PS5400 only]


JK27
R394
R396
CN32
C398
C397
R395
R397
3.TUN-R
2.G
1.TUN-L
F VER ONLY
TUNER B'D
CUP11592-3

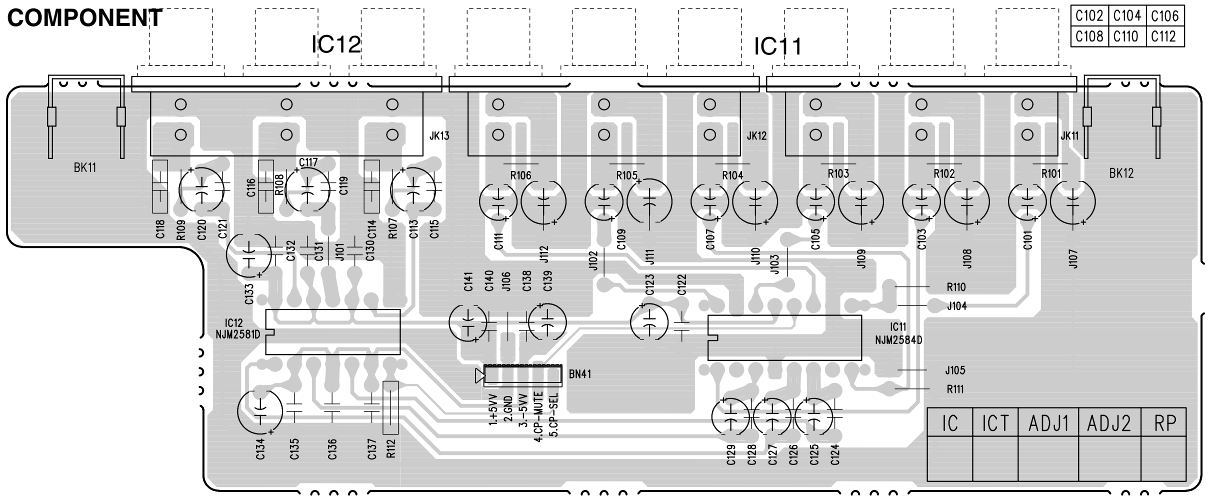
AMP


SB-CH
C -CH
SR-CH
FR-CH
SL-CH
FL-CH
N
P
SAP17N
SAP17P
CUP11591Z
GBJ804
HEAT-DET. TEST POINT
IC
ICT
ADJ1
ADJ2
RP
Q620 Q622 Q619 Q621 Q520 Q522 Q519 Q521 Q420 Q422 Q419 Q421
Q624 Q623 Q524 Q523 Q424 Q423 Q703
Q616 Q608 Q614 Q610 Q612 Q618 Q615 Q607 Q613 Q609 Q611 Q617 Q516 Q208 Q214 Q510 Q512 Q515 Q207 Q213 Q509 Q511 Q517 Q416 Q408 Q114 Q410 Q412 Q418 Q415 Q407 Q413 Q409 Q411 Q417 Q701 IC71
Q604 Q606 IC61 Q603 Q605 Q504 Q506 Q518 IC51 Q503 Q505 Q404 Q406 IC41 Q403 Q405 Q704

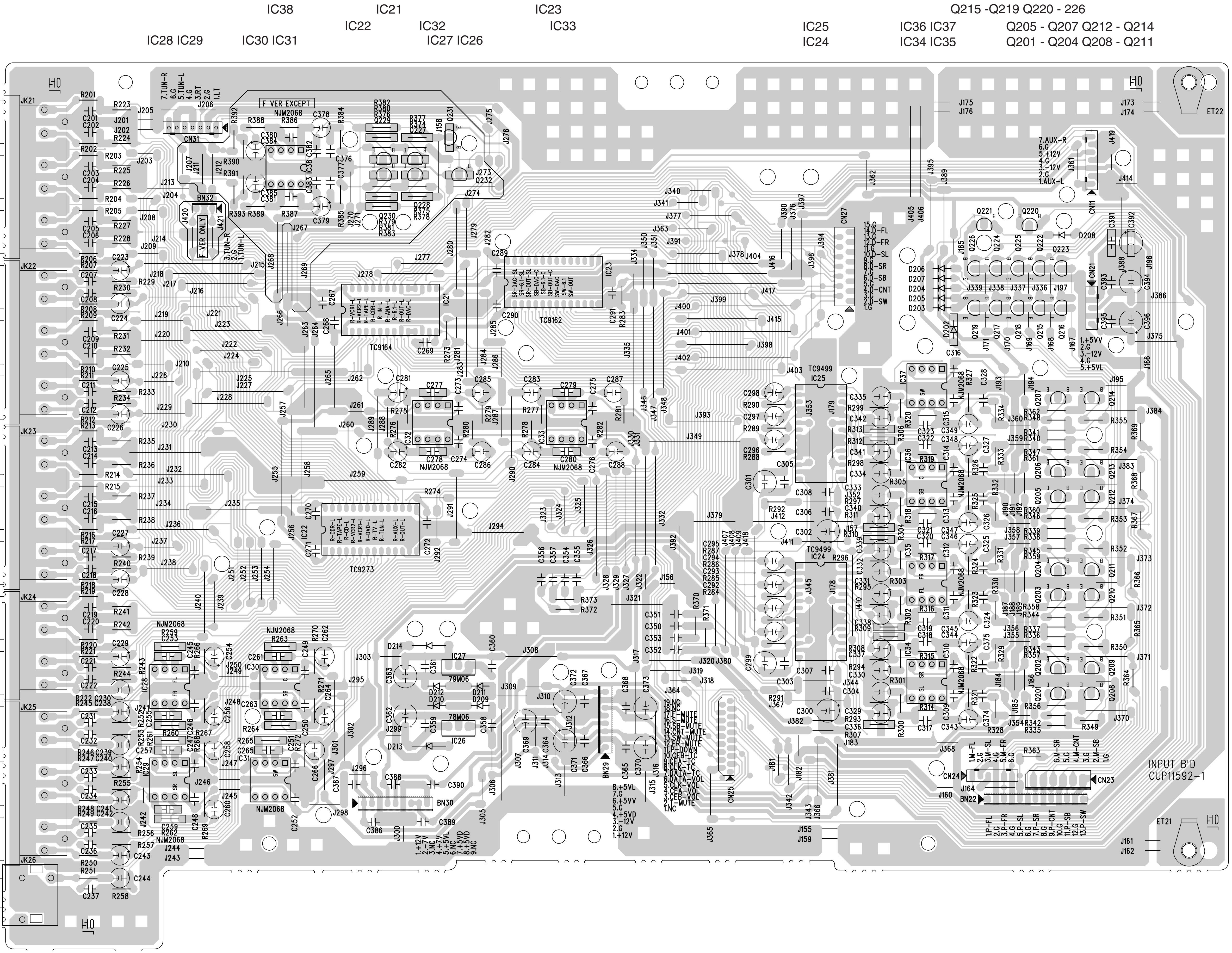
CNT


CN33
H0
7.TUN-R
6.G
5.TUN-L
4.G
3.RT
2.G
1.LT
1.LT
2.G
3.RT
4.G
5.TUN-L
6.G
7.TUN-R
J151
J152
J153
J154
BN31
CNT B'D
CUP11592-2

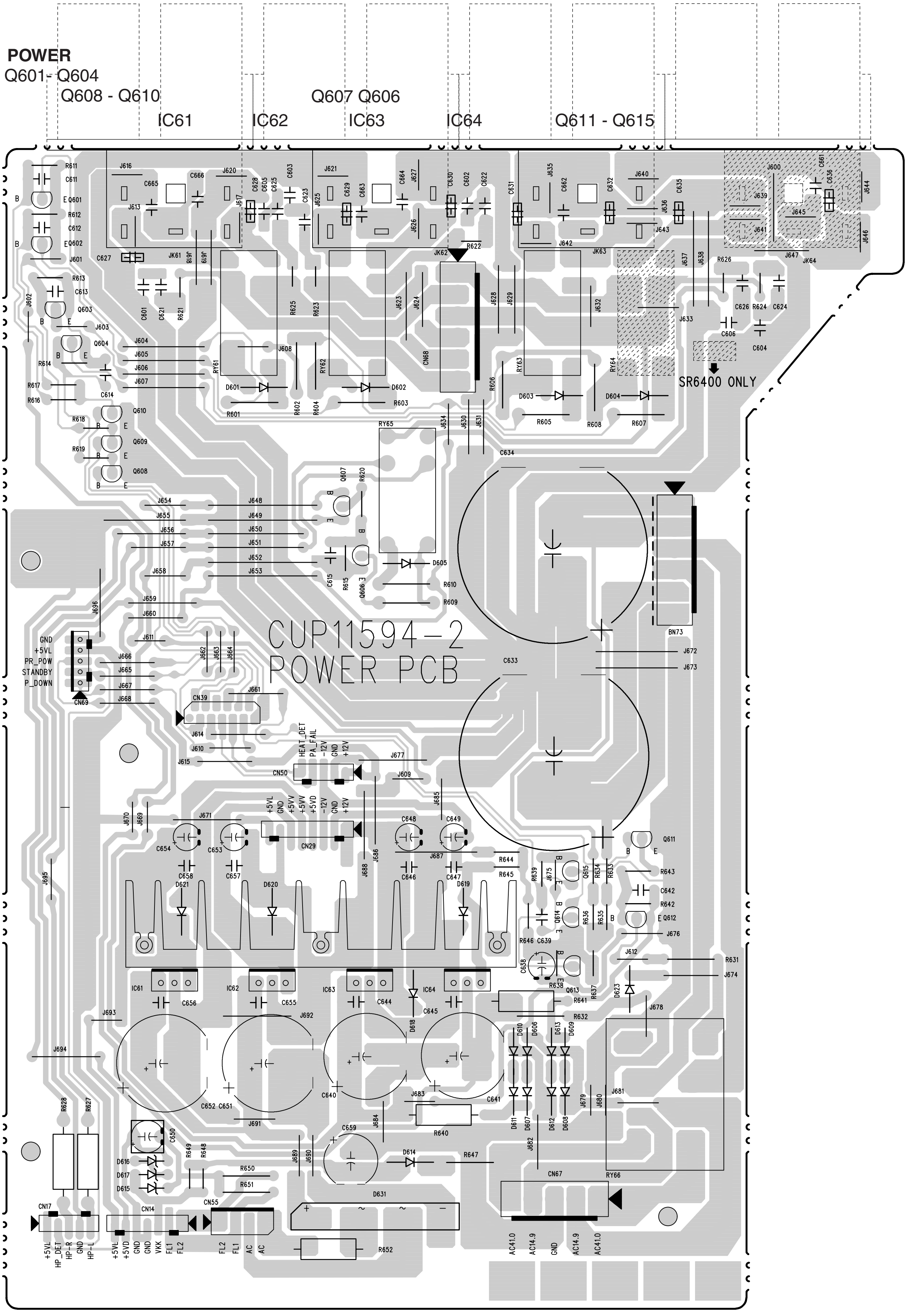
COMPONENT


IC12
IC11
C102 C104 C106
C108 C110 C112
JK13
JK12
JK11
BK11
BK12
IC12
NJM2581D
IC11
NJM2584D
BN41
1.+5VV
2.GND
3.-5VV
4.CP-MUTE
5.CP-SEL
IC
ICT
ADJ1
ADJ2
RP

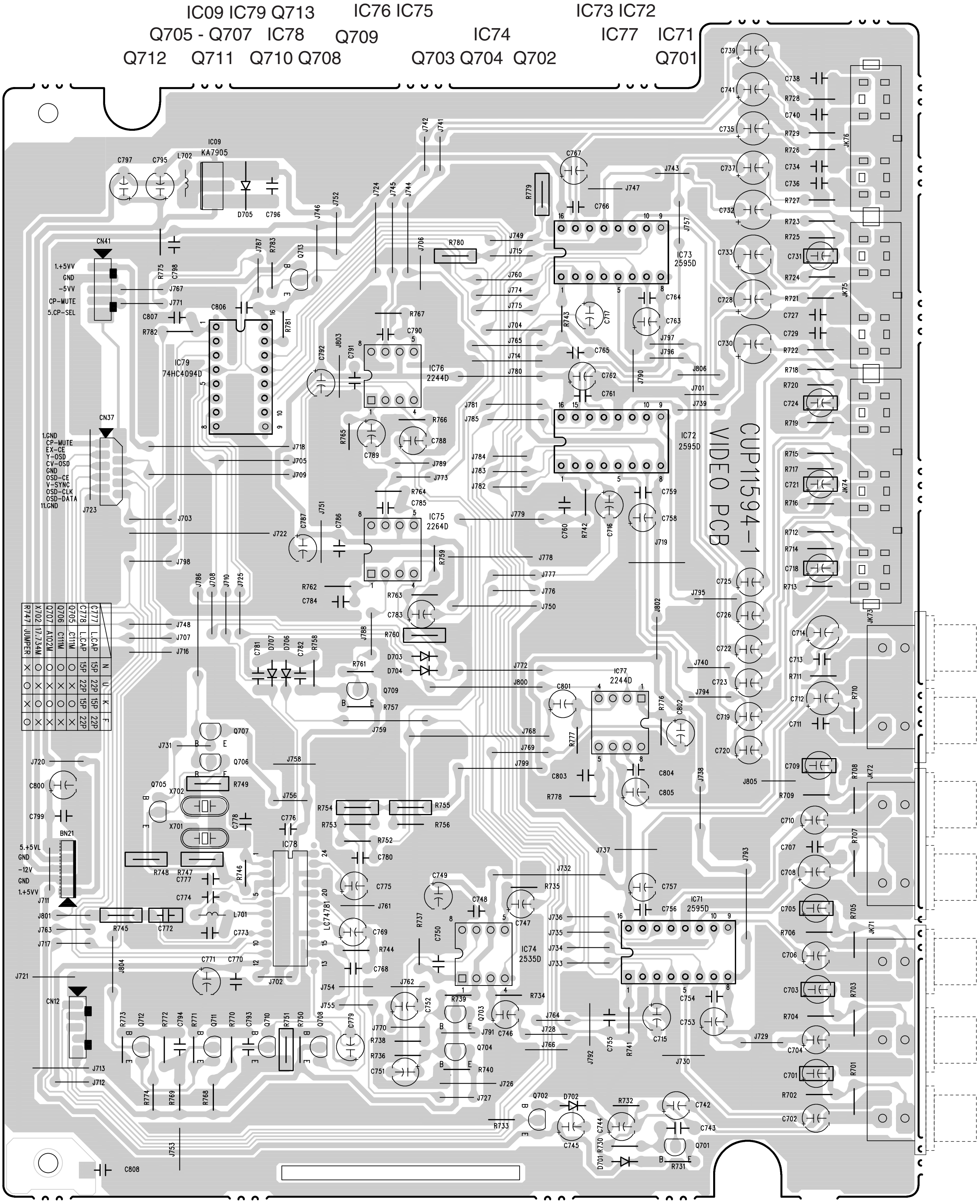
INPUT


IC38
IC21
IC23
IC22
IC32
IC33
IC28 IC29
IC30 IC31
IC27 IC26
IC25
IC24
IC36 IC37
IC34 IC35
Q215 -Q219 Q220 - 226
Q205 - Q207 Q212 - Q214
Q201 - Q204 Q208 - Q211
JK21
JK22
JK23
JK24
JK25
JK26
CN31
7.TUN-R
6.G
5.TUN-L
4.G
3.RT
2.G
1.LT
F VER EXCEPT
NJM2068
BN32
F VER ONLY
3.TUN-R
2.G
1.TUN-L
TC9164
TC9162
TC9273
NJM2068
TC9499
CN27
15.G
14.R-FL
13.G
12.R-FR
11.G
10.D-SL
9.G
8.D-SR
7.G
6.D-SB
5.G
4.D-CNT
3.G
2.D-SW
1.G
CN11
7.AUX-R
6.G
5.+12V
4.G
3.-12V
2.G
1.AUX-L
CN21
1.+5VV
2.G
3.-12V
4.G
5.+5VL
79M06
78M06
BN30
1.+12V
2.-7V
3.NC
4.+7V
5.+5VL
6.NC
7.+5VD
8.+5VD
9.NC
BN29
8.+5VL
7.G
6.+5VV
5.G
4.+5VD
3.-12V
2.G
1.+12V
CN25
19.NC
18.NC
17.F-MUTE
16.S-MUTE
15.SB-MUTE
14.CNT-MUTE
13.SW-MUTE
12.ER-MUTE
11.P-DOWN
10.CEB-TC
9.CEA-TC
8.CLK-TC
7.DATA-TC
6.DATA-VOL
5.CLK-VOL
4.CEA-VOL
3.CEB-VOL
2.T-MUTE
1.NC
CN24
1.M-FL
2.G
3.M-SL
4.G
5.M-FR
6.G
CN23
6.M-SR
5.G
4.M-CNT
3.G
2.M-SB
1.G
BN22
1.P-FL
2.G
3.P-FR
4.G
5.P-SL
6.G
7.P-SR
8.G
9.P-CNT
10.G
11.P-SB
12.G
13.P-SW
INPUT B'D
CUP11592-1
ET21
ET22
J161
J162
J173
J174
J175
J176

POWER


Q601- Q604
Q608 - Q610
IC61
IC62
Q607 Q606
IC63
IC64
Q611 - Q615
CUP11594-2
POWER PCB
SR6400 ONLY
CN69
GND
+5VL
PR_POW
STANDBY
P_DOWN
CN50
HEAT_DET
PA_FAIL
-12V
GND
+12V
CN29
+5VL
GND
+5VV
+5VD
-12V
GND
+12V
CN17
+5VL
HP_DET
HP-R
GND
HP-L
CN14
+5VL
+5VD
GND
GND
VKK
FL1
FL2
CN55
FL2
FL1
AC
AC
CN67
AC41.0
AC14.9
GND
AC14.9
AC41.0
BN73
RY61
RY62
RY63
RY64
RY65
RY66
D631
C633
C634

VIDEO


IC09 IC79 Q713
Q705 - Q707 IC78
Q712 Q711 Q710 Q708
IC76 IC75
Q709
IC74
Q703 Q704 Q702
IC73 IC72
IC77 IC71
Q701
CUP11594-1
VIDEO PCB
IC09
KA7905
IC79
74HC4094D
IC76
2244D
IC75
2264D
IC73
2595D
IC72
2595D
IC77
2244D
IC78
LC74781
IC74
2535D
IC71
2595D
CN41
1.+5VV
GND
-5VV
CP-MUTE
5.CP-SEL
CN37
1.GND
CP-MUTE
EX-CE
Y-OSD
CV-OSD
GND
OSD-CE
V-SYNC
OSD-CLK
OSD-DATA
11.GND
BN21
5.+5VL
GND
-12V
GND
1.+5VV
CN12
JK76
JK75
JK74
JK73
JK72
JK71

		N	U	K	F
C777	L.CAP	15P	22P	15P	22P
C778	L.CAP	15P	22P	15P	22P
Q705	C111M	○	×	○	×
Q706	C111M	○	×	○	×
Q707	A102M	○	×	○	×
X702	17.734M	○	×	○	×
R747	JUMPER	×	○	×	○

7. IC DATA

IC29 : S-80145

S-801 Series SOT-23-5

No.	Test item	Test Condition	Test Time	r/n
1	# High Temperature Bias	Ta=125 °C V_{DD} =Vabs max.×0.9	1000 h	0/22
2	# Temperature Humidity Bias	Ta=85 °C RH=85 % V_{DD} =Vabs max.×0.9	1000 h	0/22
3	# Un-saturated Pressure Cooker Bias	Ta=125 ˚C RH=85 % P=2×10^5 Pa V_{DD} =Vabs max.×0.9	100 h	0/22
4	# High Temperature Storage	Tstg max.=150 °C	1000 h	0/22
5	# Low Temperature Storage	Tstg min.=–65 °C	1000 h	0/22
6	# Temperature Cycle (Gas phase)	Tstg max.=150 °C , Tstg min.=–65 °C (30min each)	200 cycles	0/22
7	# Thermal Shock (Liquid phase)	Tstg max=150 °C , Tstg min.=–65 °C (5min each)	100 cycles	0/22
8	Solderability	T=230 °C ±5 °C	5 s	0/11
9	Lead Strength (Pull test)	Pull force ; 2.5 N	30 s	0/11
10	Lead Strength (Bending test)	Load ; 1.25 N 45 degree Bend a lead	Twice	0/11
11	ESD	V=±2000 V C=100 pF R =1.5 kΩ Ref. To V_{DD} / V_{SS} (5 units for each direction)	5 pulses	0/20
12	Latch Up	±100 mA (V_{CLAMP} = Vabs max.) 10 ms pulse V_{DD} = Vopr max.	1 pulse	0/5

Remark : Vabs max. = Absolute maximum voltage , Vopr max. =Maximum operation voltage
# : Each test designated # is performed after Pre-Treatment finished.
Pre-Treatment consists of High Temperature Storage ,Temperature Humidity Storage and Soldering Heat. (See the table below.)

Pre Treatment		
High Temp. Storage	Temperature Humidity Storage	Soldering Heat
Ta=125 ˚C t=24 h	Ta=85 ˚C RH=65 % t=168 h	Solder Dipping T=260 °C t=10 s

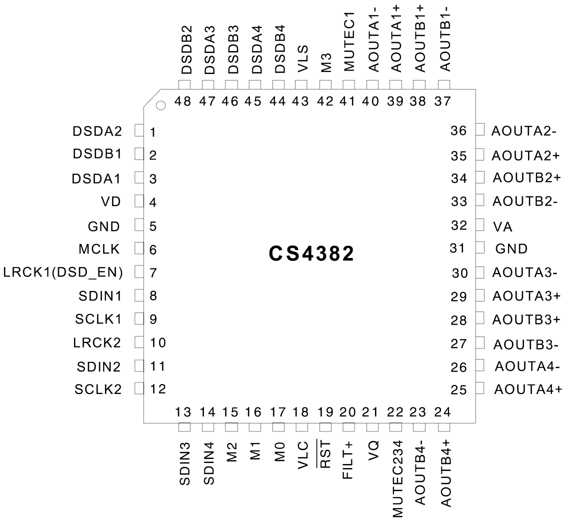
IC28 : H8S/2398(HD64F2398F20)

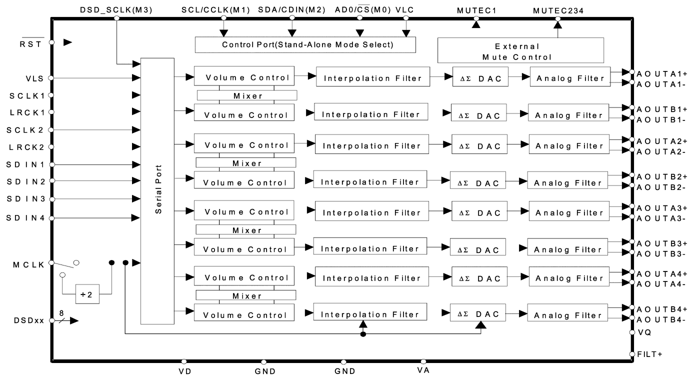
Pin	Port mode = 7	I/O	Use	STBY	Name	Port Setting		Note
						Act.	init	
1	PG3	I/O	O	I	BTMOD	L	L	FLASH ROM Addres (A18)
2	PG4	I/O	I	I	N.C	-	-	PULL DOWN
3	VSS	I	-	-	VSS	-	-	GND
4	VSSNC	-	NC	-	NC			GND
5	VCC	I	YES	-	Vcc	-	-	
6	PC0	I/O	O	I	_RSTDAC	L	L	DAC
7	PC1	I/O	O	I	DFS	H	L	DAC&ADC
8	PC2	I/O	O	I	_ATT	L	H	ADC
9	PC3	I/O	O	I	_RSTADC	L	H	ADC
10	VSS	I	-	-	VSS	-	-	GND
11	PC4	I/O	O	I	D_A	-	L	DIR or _ADC sel
12	PC5	I/O	I	I	XSTATE	-	-	DIR
13	PC6	I/O	O	I	_CEDIR	L	L	DIR CHIP ENABLE
14	PC7	I/O	O	I	_XMODE	L	L	DIR RESET
15	PB0	I/O	O	O	IICCLK	-	L	I2C for E2PROM
16	PB1	I/O	I/O	I/O	IICDATA	-	L	I2C for E2PROM
17	PB2	I/O	I	I	_TU_SD	L		Tuned
18	PB3	I/O	I	I	TU_ST	H		Stereo Tune/_MONO
19	VSS	I	-	-	VSS	-	-	GND
20	PB4	I/O	O	I	TU_MUTE	H	H	Tuner MUTE
21	PB5	I/O	O	I	_CE_TU	L	L	Tuner Pack
22	PB6	I/O	O	I	_CP_mute	-	-	COMP MUTE
23	PB7	I/O	O	I	N.C	-	-	
24	PA0	I/O	O	I	TUDOUT	-	L	Tuner Pack
25	PA1	I/O	O	I	TUCLK	-	L	Tuner Pack
26	PA2	I/O	I	I	TUDIN	-		Tuner Pack
27	PA3	I/O	I	I	RDSDIN	-		Tuner Pack(RDS DATA)
28	VSS	I	-	-	VSS	-	-	GND
29	PA4/_IRQ4	I/O	INT	I	REQ2	L	-	DSP FINTR EQ
30	PA5/_IRQ5	I/O	INT/I	I	DIR_INT			DIR INT OUTPUT
31	PA6/_IRQ6	I/O	INT	I	_P_AMP_FAIL	L	-	Power amp Dectect
32	PA7/_IRQ7	I/O	INT	I	IRQ7	-	-	RDS Clock
33	P67/_IRQ3	I/O	INT	I	REQ1	L	-	DSP INTER Q
34	P66/_IRQ2	I/O	INT	I	RERR	H	-	DIR ERROR
35	VSS	I	-	-	VSS	-	-	GND
36	VSS	I	-	--	VSS	-	-	GND
37	P65/_IRQ1	I/O	INT	INT	WAKEUP	↑	-	STANDBY MODE Release
38	P64/_IRQ0	I/O	INT	I	_P_DOWN	L	-	Power Down Detect
39	VCC	I	YES	-	Vcc	-	-	+5V
40	PE0	I/O	O	I	N.C	-	-	OPEN
41	PE1	I/O	O	I	_CEEX	L	H	P-Exp(Video)Sel A
42	PE2	I/O	O	I	Y_OSD	H	L	Y/C_OSD_IC_BYPASS
43	PE3	I/O	O	I	CVBS_OSD	H	L	CVBS_OSD_IC_BYPASS
44	VSS	I	-	-	VSS	-	-	GND
45	PE4	I/O	O	I	_CEOSD	L	H	Video Circuit
46	PE5	I/O	I	I	HINBSY	-	-	DSP Busy Signal
47	PE6	I/O	O	I	AFDATA	-	L	Analog Switch DATA
48	PE7	I/O	O	I	AFCLK	-	L	Analog Switch CLOCK
49	PD0	I/O	O	I	CE_TCA	H	L	Analog Switch TC9273
50	PD1	I/O	O	I	CE_TCB	H	L	Analog Switch TC9262/9264
51	PD2	I/O	O	I	N.C	-	-	
52	PD3	I/O	O	I	SWMUTE	H	H	SUB W MUTE
53	VSS	I	-	-	VSS	-	-	GND
54	PD4	I/O	O	I	CNTMUTE	H	H	CENTER SP MUTE
55	PD5	I/O	O	I	SBMUTE	H	H	SRR B MUTE
56	PD6	I/O	O	I	SL/SRMUTE	H	H	SL SR MUTE
57	PD7	I/O	O	I	L/RMUTE	H	H	FRONT L R MUTE
58	VCC	I	YES	I	Vcc	-	-	+5V
59	P30/TxD0	I/O	SO	I	DSPDOUT			DSP DIR Control Data OUT
60	P31/TxD1	I/O	SO	SO	TXD		H	Flash WR need Pull Up
61	P32/RxD0	I/O	SI	I	DSPDIN			DSP DIR Control Data IN
62	P33/RxD1	I/O	SI	SI	RXD		-	Flash WR need Pull UpReset release is H.
63	P34/SCK0	I/O	SC	I	DSPCLK			DSP DIR Control CLOCK
64	P35/SCK1	I/O	O	I	_CEFL	L	L	FL Driver chip sel
65	VSS	I	-	-	VSS	-	-	GND
66	P60/_DREQ0	I/O	O	I	VOLDATA	-	L	Volume IC DATA
67	VSS	I	-	-	VSS	-	-	GND
68	VSS	I	-	-	VSS	-	-	GND
69	P61/_TEND0	I/O	O	I	VOLCLK	-	L	Volume IC CLOCK
70	P62/_DREQ1	I/O	O	I	CE_VOLA	H	L	Volume IC Chip Sel A
71	P63/_TEND1	I/O	O	I	CE_VOLB	H	L	Volume IC Chip Sel B

IC28 : H8S/2398(HD64F2398F20)

Pin	Port mode = 7	I/O	Use	STBY	Name	Port Setting		Note
						Act.	init	
72	P27/PO7/TIOCB5/ TMO1	I/O	O	I	FLRA_ON	H	L	SPK A SELECT
73	P26/PO6/TIOCA5/ TMO0	I/O	O	I	FLRB_ON	H	L	SPK B SELECT
74	P25/PO5/TIOCB4/ TMCI1	I/O	O	I	SURR_ON	H	L	SURR/CNT/SB SPK ON
75	P24/PO4/TIOCA4/ TMRI1	I/O	O	I	HEAT	H	L	Power Amp±B_L_Sel
76	P23/PO3/TIOCD3/ TMCI0	I/O	I	I	_HEAT_DET	H	-	Power Amp Heat sink TempDetect
77	P22/PO2/TIOCC3/ TMRI0	I/O	O	I	_STANDBY	L	L	Standby Power
78	P21/PO1/TIOCB3	I/O	I	I	_HP_DET	L	-	HP Jack Detect
79	P20/PO0/TIOCA3	I/O	O	I	HP_ON	H	L	HEAD PHONE ON
80	VCL	I	-	I	VCL	-	-	
81	_RES	I	YES	I	_RST	L	-	Reset
82	NMI	I	NO	I	NMI	-	-	Fix H (At the time of the un-use)
83	_STBY	I	NO	I	_STBY	L	H	FixH
84	VCC	I	YES	I	Vcc	-	-	+5V
85	XTAL	I	YES	I	XTAL	-	-	Xtal(20M)
86	EXTAL	I	YES	I	EXTAL	-	-	Xtal(20M)
87	VSS	I	-	-	VSS	-	-	GND
88	PF7/	I/O	I	I	SEL-	-	-	Front Select. Encoder
89	VCC	I	YES	-	Vcc	-	-	+5V
90	PF6	I/O	I	I	SEL+	-	-	Front Select. Encoder
91	PF5	I/O	O	O	_STBY LED	L	H	Standby LED On
92	PF4	I/O	O	I	_RSFL	L	L	Front FL Driver
93	PF3	I/O	I	I	VOL-	-	-	Front Vol. Encoder
94	PF2	I/O	I	I	VOL+	-	-	Front Vol. Encoder
95	PF1	I/O	I	I	CTS	-	-	UART
96	PF0	I/O	O	O	RTS		H	UART
97	P50/TxD2/_IRQ4	I/O	SO	I	OSDDATA	-	-	Front FL & Video(OSD)
98	P51/RxD2/_IRQ5	I	I	I	N.C	-	-	PULL DOWN
99	VSS	I	-	-	VSS	-	-	GND
100	VSS	I	-	-	VSS	-	-	GND
101	P52/SCK2/_IRQ6	I/O	SC	I	OSDCLK	-	-	Front FL & Video(OSD)
102	P53/_ADTRG/ _IRQ7	I/O	O	I	_RSTFL	L	L	Reset FL Driver
103	AVCC	I	-	-	AVCC	-	-	+5V
104	Vref	I	-	-	VREF	-	-	+5V
105	P40/AN0	I	AD	AD	KEY0	-	-	Front Key
106	P41/AN1	I	AD	AD	KEY1	-	-	Front Key
107	P42/AN2	I	AD	AD	KEY2	-	-	Front Key
108	P43/AN3	I	AD	AD	_5V_DOWN	-	-	Detect 5V
109	P44/AN4	I	AD	AD	P_LINE_FAIL	-	-	Emergency Protection
110	P45/AN5	I	AD	AD	MODE	-	-	CPU mode
111	P46/AN6/DA0	I	I	I	_OVFL	H	-	Peak Indicator
112	P47/AN7/DA1	I	AD	AD	TV_AUTO	H	L	TV Video Detect
113	AVSS	I	-	-	VSS	-	-	GND
114	VSS	I	-	-	VSS	-	-	GND
115	P17/PO15/TIOCB2/ TCLKD	I/O	I	I	N.C	-	-	
116	P16/PO14/TIOCA2	I/O	T_OUT	I	RC_OUT		L	RC BUS output
117	P15/PO13/TIOCB1/ TCLKC	I/O	I	I	N.C	-	-	
118	P14/PO12/TIOCA1	I/O	T_IN	I	VSYNC	↑	-	V-sync Det. & Change OSD
119	P13/PO11/TIOCD0/ TCLKB	I/O	O	O	KILLIR	H	L	Kill to IR input signal.
120	P12/PO10/TIOCC0/ TCLKA	I/O	I	I	N.C	-	-	
121	P11/PO9/TIOCB0/ _DACK1	I/O	I	I	N.C	-	-	
122	P10/PO8/TIOCA0/ _DACK0	I/O	T_IN	T_IN	RC_IN	↓↑	-	IR In for RC-5Input polarity is reverse to SR7300.
123	MD0	I	YES	YES	MD0	-	-	+5V
124	MD1	I	YES	YES	MD1	-	-	Fix H
125	MD2	I	YES	YES	MD2	-	-	Normal :H, Boot :L
126	PG0	I/O	O	I	_FCS	L	H	DSP CHIP ENABLE
127	PG1	I/O	O	I	_RSTDSP	L	L	DSP
128	PG2	I/O	O	I	_SCS	L	H	DSP CHIP ENABLE

IC23 : CS4382


CS4382
DSDB2 48
DSDA3 47
DSDB3 46
DSDA4 45
DSDB4 44
VLS 43
M3 42
MUTEC1 41
AOUTA1- 40
AOUTA1+ 39
AOUTB1+ 38
AOUTB1- 37
DSDA2 1
DSDB1 2
DSDA1 3
VD 4
GND 5
MCLK 6
LRCK1(DSD_EN) 7
SDIN1 8
SCLK1 9
LRCK2 10
SDIN2 11
SCLK2 12
SDIN3 13
SDIN4 14
M2 15
M1 16
M0 17
VLC 18
RST 19
FILT+ 20
VQ 21
MUTEC234 22
AOUTB4- 23
AOUTB4+ 24
AOUTA4+ 25
AOUTA4- 26
AOUTB3- 27
AOUTB3+ 28
AOUTA3+ 29
AOUTA3- 30
GND 31
VA 32
AOUTB2- 33
AOUTB2+ 34
AOUTA2+ 35
AOUTA2- 36


DSD_SCLK(M3)
SCL/CCLK(M1)
SDA/CDIN(M2)
AD0/CS(M0)
VLC
MUTEC1
MUTEC234
RST
VLS
SCLK1
LRCK1
SCLK2
LRCK2
SDIN1
SDIN2
SDIN3
SDIN4
MCLK
÷2
DSDxx
8
Control Port(Stand-Alone Mode Select)
External Mute Control
Serial Port
Volume Control
Mixer
Interpolation Filter
ΔΣ DAC
Analog Filter
AOUTA1+
AOUTA1-
AOUTB1+
AOUTB1-
AOUTA2+
AOUTA2-
AOUTB2+
AOUTB2-
AOUTA3+
AOUTA3-
AOUTB3+
AOUTB3-
AOUTA4+
AOUTA4-
AOUTB4+
AOUTB4-
VQ
FILT+
VD
GND
GND
VA

Pin Name	**I/O**	**#**	
VD	I	4	**Digital Power** (*Input*) **-** Positive power supply for the digital section. Refer to the Recommended Operating Conditions for appropriate voltages.
GND	I I	5 31	**Ground** (*Input*) - Ground reference. Should be connected to analog ground.
MCLK	I	6	**Master Clock** (*Input*) - Clock source for the delta-sigma modulator and digital filters.Table 5 illustrates several standard audio sample rates and the required master clock frequency.
LRCK1 **LRCK2**	I I	7 10	**Left Right Clock** (*Input*) - Determines which channel, Left or Right, is currently active on the serial audio data line. The frequency of the left/right clock must be at the audio sample rate, Fs.
SDIN1 **SDIN2** **SDIN3** **SDIN4**	I I I I	8 11 13 14	**Serial Audio Data Input** (*Input*) - Input for two's complement serial audio data.
SCLK1 **SCLK2**	I I	9 12	**Serial Clock** (*Input*) - Serial clock for the serial audio interface.
VLC	I	18	**Control Port Power** (*Input*) **-** Determines the required signal level for the control port. Refer to the Recommended Operating Conditions for appropriate voltages.
$\overline{\text{RST}}$	I	19	**Reset** (*Input*) - The device enters a low power mode and all internal registers are reset to their default settings when low.
FILT+	I	20	**Positive Voltage Reference** (*Output*) **-** Positive reference voltage for the internal sampling circuits. Requires the capacitive decoupling to analog ground, as shown in the Typical Connection Diagram.
VQ	I	21	**Quiescent Voltage** (*Output*) - Filter connection for internal quiescent voltage. VQ must be capacitively coupled to analog ground, as shown in the Typical Connection Diagram. The nominal voltage level is specified in the Analog Characteristics and Specifications section. VQ presents an appreciable source impedance and any current drawn from this pin will alter device performance. However, VQ can be used to bias the analog circuitry assuming there is no AC signal component and the DC current is less than the maximum specified in the Analog Characteristics and Specifications section.

IC23 : CS4382

Pin Name	I/O	#	
MUTEC1	O	41	**Mute Control** (*Output*) - The Mute Control pins go high during power-up initialization, reset, muting, power-down or if the master clock to left/right clock frequency ratio is incorrect. These pins are intended to be used as a control for external mute circuits to prevent the clicks and pops that can occur in any single supply system. The use of external mute circuits are not mandatory but may be desired for designs requiring the absolute minimum in extraneous clicks and pops.
MUTEC234	O	22	
AOUTA1 +,-	O	39, 40	**Differential Analog Output** (*Output*) - The full scale differential analog output level is specified in the Analog Characteristics specification table.
AOUTB1 +,-	O	38, 37	
AOUTA2 +,-	O	35, 36	
AOUTB2 +,-	O	34, 33	
AOUTA3 +,-	O	29, 30	
AOUTB3 +,-	O	28, 27	
AOUTA4 +,-	O	25, 26	
AOUTB4 +,-	O	24, 23	
VA	I	32	**Analog Power** (*Input*) **-** Positive power supply for the analog section. Refer to the Recommended Operating Conditions for appropriate voltages.
VLS	I	43	**Serial Audio Interface Power** (*Input*) **-** Determines the required signal level for the serial audio interface. Refer to the Recommended Operating Conditions for appropriate voltages.

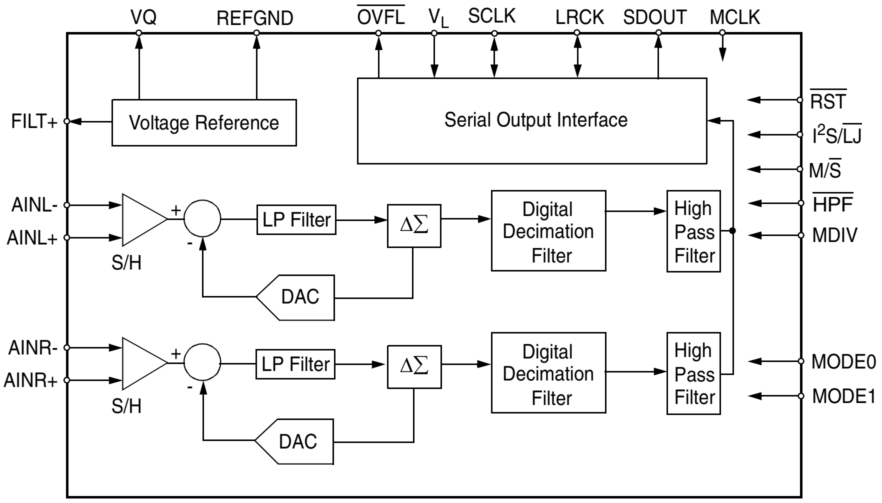
Stand-Alone Definitions

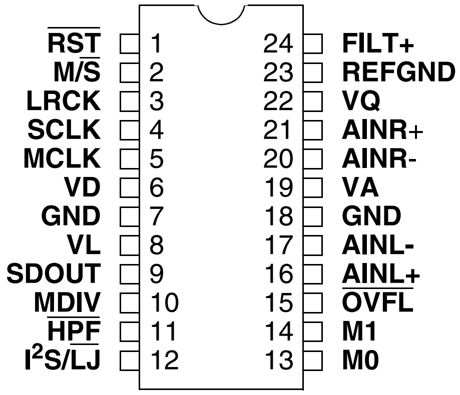
M0	17	**Mode Selection** (*Input*) - Determines the operational mode of the device as detailed in Tables 6 and 7.
M1	16	**FIXED GND**
M2	15	**FIXED GND**
M3	42	

DSD Definitions

DSDA1	3	**FIXED GND**
DSDB1	2	**FIXED GND**
DSDA2	1	**FIXED GND**
DSDB2	48	**FIXED GND**
DSDA3	47	**FIXED GND**
DSDB3	46	**FIXED GND**
DSDA4	45	**FIXED GND**
DSDB4	44	**FIXED GND**

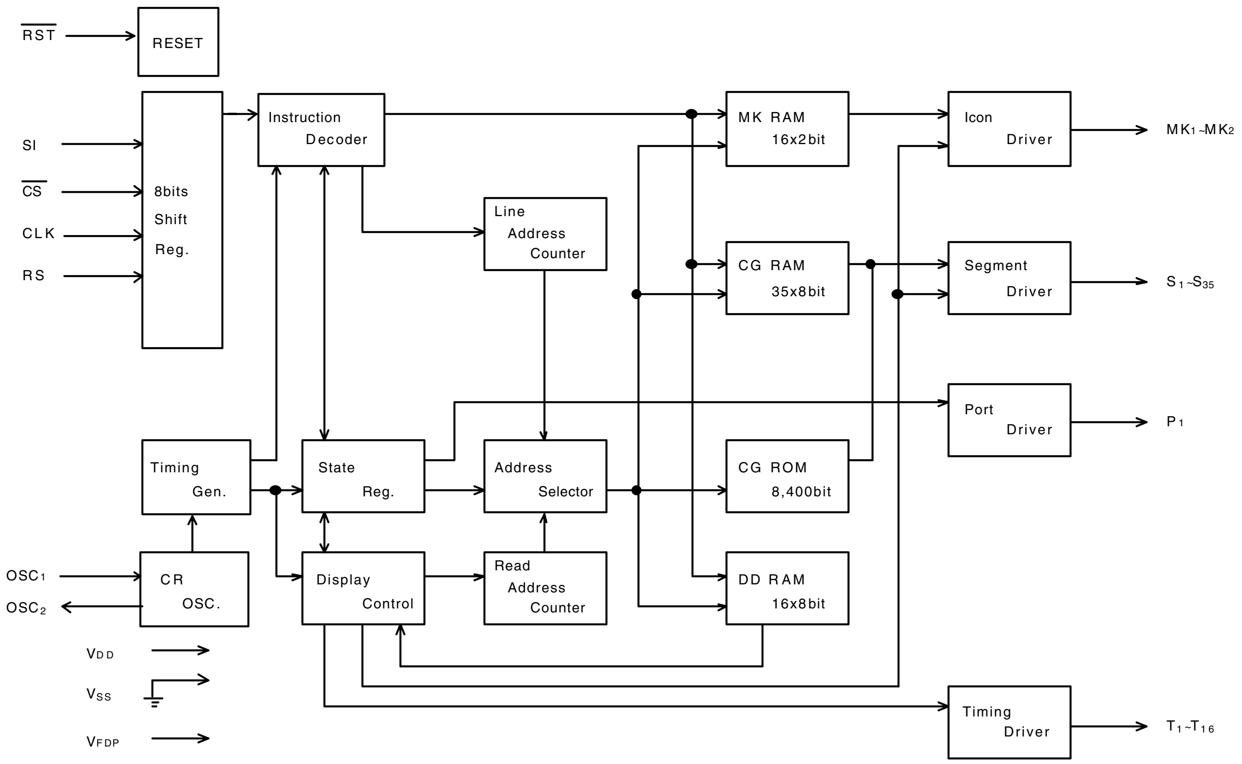
IC16 : CS5361


VQ
REFGND
$\overline{\text{OVFL}}$
V_L
SCLK
LRCK
SDOUT
MCLK
FILT+
Voltage Reference
Serial Output Interface
$\overline{\text{RST}}$
I^{2}S/$\overline{\text{LJ}}$
M/$\overline{\text{S}}$
$\overline{\text{HPF}}$
MDIV
AINL-
AINL+
S/H
+
-
LP Filter
ΔΣ
Digital Decimation Filter
High Pass Filter
DAC
AINR-
AINR+
S/H
+
-
LP Filter
ΔΣ
Digital Decimation Filter
High Pass Filter
DAC
MODE0
MODE1


$\overline{\text{RST}}$ 1
M/$\overline{\text{S}}$ 2
LRCK 3
SCLK 4
MCLK 5
VD 6
GND 7
VL 8
SDOUT 9
MDIV 10
$\overline{\text{HPF}}$ 11
I^{2}S/$\overline{\text{LJ}}$ 12
24 FILT+
23 REFGND
22 VQ
21 AINR+
20 AINR-
19 VA
18 GND
17 AINL-
16 AINL+
15 $\overline{\text{OVFL}}$
14 M1
13 M0

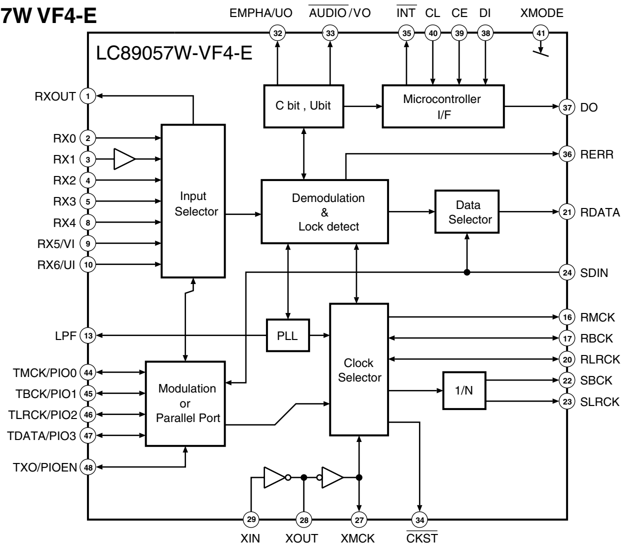
Pin Name	#	Pin Description
$\overline{\text{RST}}$	1	**Reset** (*Input*) - The device enters a low power mode when low.
M/$\overline{\text{S}}$	2	**Master/Slave Mode** *(Input)* - Selects operation as either clock master or slave.
LRCK	3	**Left Right Clock** (*Input/Output*) - Determines which channel, Left or Right, is currently active on the serial audio data line.
SCLK	4	**Serial Clock** (*Input/Output*) - Serial clock for the serial audio interface.
MCLK	5	**Master Clock** (*Input*) - Clock source for the delta-sigma modulator and digital filters.
VD	6	**Digital Power** (*Input*) **-** Positive power supply for the digital section.
GND	7,18	**Ground** (*Input*) - Ground reference. Must be connected to analog ground.
VL	8	**Logic Power** (*Input*) **-** Positive power for the digital input/output.
SDOUT	9	**Serial Audio Data Output** (*Output*) - Output for two's complement serial audio data.
MDIV	10	**MCLK Divider** *(Input)* **-** Enables a master clock divide by two function.
$\overline{\text{HPF}}$	11	**High Pass Filter Enable** *(Input)* **-** Enables the Digital High-Pass Filter.
I^{2}S/$\overline{\text{LJ}}$	12	**Serial Audio Interface Format Select** (*Input*) -Selects either the left-justified or I^{2}S format for the SAI.
M0 **M1**	13, 14	**Mode Selection** (*Input*) - Determines the operational mode of the device.
$\overline{\text{OVFL}}$	15	**Overflow** *(Output, open drain)* **-** Detects an overflow condition on both left and right channels.
AINL+ **AINL-**	16, 17	**Differential Left Channel Analog Input** (*Input*) - Signals are presented differentially to the delta-sigma modulators via the AINL+/- pins.
VA	19	**Analog Power** (*Input*) **-** Positive power supply for the analog section.
AINR- **AINR+**	20, 21	**Differential Right Channel Analog Input** (*Input*) -Signals are presented differentially to the delta-sigma modulators via the AINR+/- pins.
VQ	22	**Quiescent Voltage** *(Output)* **-** Filter connection for the internal quiescent reference voltage.
REF_GND	23	**Reference Ground** (*Input*) - Ground reference for the internal sampling circuits.
FILT+	24	**Positive Voltage Reference** (*Output*) **-** Positive reference voltage for the internal sampling circuits.

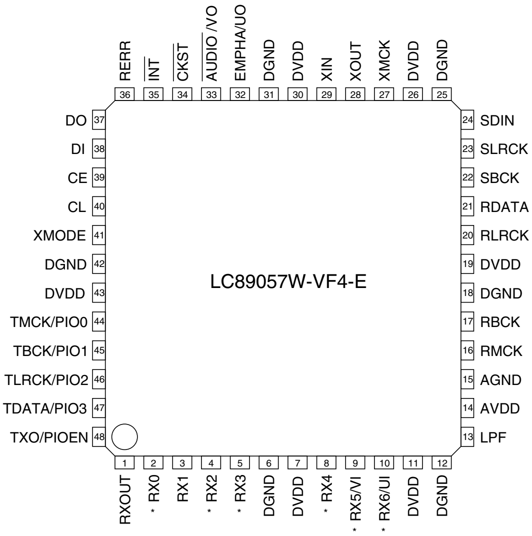
IC81 : NJU3430


$\overline{RST}$
RESET
SI
$\overline{CS}$
CLK
RS
8bits Shift Reg.
Instruction Decoder
Line Address Counter
MK RAM 16x2bit
CG RAM 35x8bit
Icon Driver
Segment Driver
Port Driver
MK1~MK2
S1~S35
P1
Timing Gen.
State Reg.
Address Selector
CG ROM 8,400bit
OSC1
OSC2
CR OSC.
Display Control
Read Address Counter
DD RAM 16x8bit
VDD
VSS
VFDP
Timing Driver
T1~T16

No.	SYMBOL	I/O	FUNCTION
57	V_{DD}	-	Power Source : V_{DD}=+3.0 to 5.5V
49	V_{SS}	-	GND : V_{SS}=0V
48	V_{FDP}	-	VFD Driving Power Sourse V_{DD}-20V to V_{DD}-45V
50	OSC_1	I	CR Oscillation Terminal External R and C connect to these terminals. (Target f_{OSC}=360kHz)
51	OSC_2	O	
54	CLK	I	Serial Clock Input Terminal The serial data input synchronizing the rise edge of this terminal.
53	$\overline{CS}$	I	Chip Select Terminal When the CS terminal is "H" the serial data input is not available.
55	SI	I	Serial Data Input Terminal The data input is MSB first.
56	RS	I	Register Selection Signal Input Terminal RS="0" : Instruction Register RS="1" : Data Register
52	$\overline{RST}$	I	Reset Terminal RST="L" : Reset -Each Address : $(00)_H$ -Each RAM Data : Unfixed -Display Digits : 16-digit -Contrast Control : 8/16 Dury -All Display Off -All Outputs are "L"
61 to 64, 1 to 31	S_1 to S_{35}	O	Segment Output Terminals (Internal Pull-down Resistance)
32 to 47	T_1 to T_{16}	O	Timing Output Terminals (Internal Pull-down Resistance)
60 59	MK_1 MK_2	O	Icon Output Terminals (Internal Pull-down Resistance)
58	P_1	O	Output Port Terminal This terminal is suitable for LED.

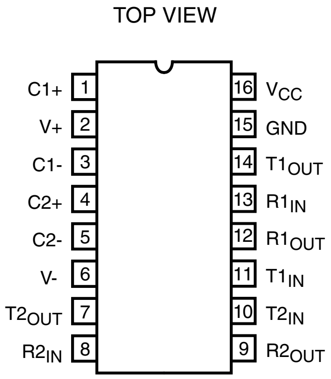
IC13: LC89057W VF4-E

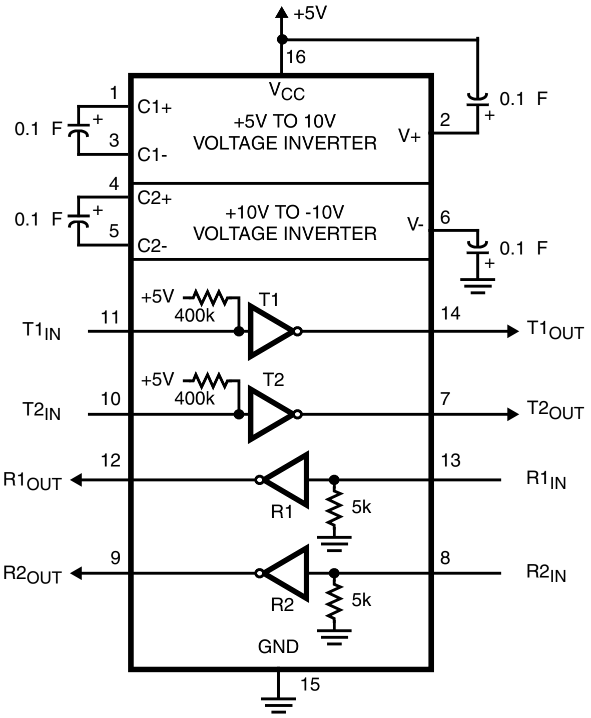

EMPHA/UO
AUDIO/VO
INT
CL
CE
DI
XMODE
LC89057W-VF4-E
RXOUT
RX0
RX1
RX2
RX3
RX4
RX5/VI
RX6/UI
Input Selector
C bit , Ubit
Microcontroller I/F
Demodulation & Lock detect
Data Selector
DO
RERR
RDATA
SDIN
RMCK
RBCK
RLRCK
SBCK
SLRCK
LPF
PLL
Clock Selector
1/N
TMCK/PIO0
TBCK/PIO1
TLRCK/PIO2
TDATA/PIO3
TXO/PIOEN
Modulation or Parallel Port
XIN
XOUT
XMCK
CKST


RERR 36
INT 35
CKST 34
AUDIO/VO 33
EMPHA/UO 32
DGND 31
DVDD 30
XIN 29
XOUT 28
XMCK 27
DVDD 26
DGND 25
DO 37
DI 38
CE 39
CL 40
XMODE 41
DGND 42
DVDD 43
TMCK/PIO0 44
TBCK/PIO1 45
TLRCK/PIO2 46
TDATA/PIO3 47
TXO/PIOEN 48
LC89057W-VF4-E
24 SDIN
23 SLRCK
22 SBCK
21 RDATA
20 RLRCK
19 DVDD
18 DGND
17 RBCK
16 RMCK
15 AGND
14 AVDD
13 LPF
1 RXOUT
2 RX0
3 RX1
4 RX2
5 RX3
6 DGND
7 DVDD
8 RX4
9 RX5/VI
10 RX6/UI
11 DVDD
12 DGND

No.	Port name	I/O	Description
1	RXOUT	O	Data Output
2	RX0	I	Digital data Input (TTL)
3	RX1	I	Digital data Input (Coaxial)
4	RX2	I	Digital data Input (TTL)
5	RX3	I	Digital data Input (TTL)
6	DGND		Digital GND
7	DVDD		Digital VDD
8	RX4	I	Digital data Input (TTL)
9	RX5/VI	I	Digital data Input (TTL)
10	RX6/UI	I	Digital data Input (TTL)
11	DVDD		Digital GND for PLL
12	DGND		Digital VDD for PLL
13	LPF	O	Loop filter for PLL
14	AVDD		Analog VDD for PLL
15	AGND		Analog GND for PLL
16	RMCK	O	System clock Output for R (256fs, 512fs, XIN, VCO)
17	RBCK	O/I	Bit clock Output for R (64fs)
18	DGND		Digital GND
19	DVDD		Digital VDD
20	RLRCK	O/I	LR clock Input/Output for R
21	RDATA	O	Serial Audio data Input
22	SBCK	O	Bit clock Output for S (32fs, 64fs, 128fs)
23	SLRCK	O	LR clock Output for S (fs/2, fs, 2fs)
24	SDIN	I	Serial Audio data Input
25	DGND		Digital GND
26	DVDD		Digital VDD
27	XMCK	O	Oscillation amplifier
28	XOUT	O	XOUT
29	XIN	I	XIN or External clock Input (24.576MHz or 12.288MHz)
30	DVDD		Digital VDD
31	DGND		Digital GND
32	EMPHA/UO	I/O	Emphasis Information / U data Output / Set for chip address
33	AUDIO/VO	I/O	Detected non-PCM / V flag Output / Set for chip address
34	CKST	I/O	Clock timing Output / Switch to master or slave for demodulation
35	INT	I/O	Interrupt Output / Switch to Modulation or general-purpose I/O
36	RERR	O	Error Output (PLL lock, data error)
37	DO	O	IF, Read out data Output
38	DI	I	IF, Write data Input
39	CE	I	IF, Chip enable Input
40	CL	I	IF, Clock Input
41	XMODE	I	System reset Input
42	DGND		Digital GND
43	DVDD		Digital VDD
44	TMCK/PIO0	I/O	256fs system-clock Input for modulation / General-purpose I/O input/output
45	TBCK/PIO1	I/O	64fs bit-clock Input for modulation / General-purpose I/O input/output
46	TLRCK/PIO2	I/O	Fs clock Input for modulation / General-purpose I/O input/output
47	TDATA/PIO3	I/O	Serial audio data for modulation / General-purpose I/O input/output
48	TXO/PIOEN	O/I	Modulation data Output / General-purpose I/O enable input

IC91 : ST202EBW


TOP VIEW
C1+ 1
V+ 2
C1- 3
C2+ 4
C2- 5
V- 6
T2OUT 7
R2IN 8
16 VCC
15 GND
14 T1OUT
13 R1IN
12 R1OUT
11 T1IN
10 T2IN
9 R2OUT


+5V
16
VCC
+5V TO 10V
VOLTAGE INVERTER
1
C1+
3
C1-
0.1 F
V+
2
0.1 F
4
C2+
5
C2-
0.1 F
+10V TO -10V
VOLTAGE INVERTER
V-
6
0.1 F
+5V
400k
T1
T1IN
11
14
T1OUT
+5V
400k
T2
T2IN
10
7
T2OUT
R1OUT
12
13
R1IN
R1
5k
R2OUT
9
8
R2IN
R2
5k
GND
15

Pin Descriptions

PIN	FUNCTION
V_{CC}	Power Supply Input 5V 10%, (5V 5% HIN207E).
V+	Internally generated positive supply (+10V nominal).
V-	Internally generated negative supply (-10V nominal).
GND	Ground Lead. Connect to 0V.
C1+	External capacitor (+ terminal) is connected to this lead.
C1-	External capacitor (- terminal) is connected to this lead.
C2+	External capacitor (+ terminal) is connected to this lead.
C2-	External capacitor (- terminal) is connected to this lead.
T_{IN}	Transmitter Inputs. These leads accept TTL/CMOS levels. An internal 400kΩ pull-up resistor to V_{CC} is connected to each lead.
T_{OUT}	Transmitter Outputs. These are RS-232 levels (nominally ±10V).
R_{IN}	Receiver Inputs. These inputs accept RS-232 input levels. An internal 5kΩ pull-down resistor to GND is connected to each input.
R_{OUT}	Receiver Outputs. These are TTL/CMOS levels.
$\overline{EN}$	Enable Input. This is an active low input which enables the receiver outputs. With $\overline{EN}$ = 5V, the outputs are placed in a high impedance state.
SD, $\overline{SD}$	Shutdown Input. With SD = 5V (HIN213E $\overline{SD}$ = 0V), the charge pump is disabled, the receiver outputs are in a high impedance state (except R4 and R5 of HIN241E) and the transmitters are shut off.
NC	No Connect. No connections are made to these leads.

IC23 : CS4382

12.3 Pin Definitions

FILT1 — Phase-Locked Loop Filter

Connects to an external filter for the on-chip phase-locked loop.

FILT2 — Phase Locked Loop Filter

Connects to an external filter for the on-chip phase-locked loop.

CLKIN, XTALI — External Clock Input/Crystal Oscillator Input

CS49400 clock input. This pin accepts an external clock input signal that is used to drive the internal core logic. When in internal clock mode (CLKSEL == VSS), this input is connected to the internal PLL from which all internal clocks are derived. When in external clock mode (CLKSEL == VDD), this input is connected to the DSP clock. Alternatively, a 12.288 mhZ crystal oscillator can be connected between XTALI and XTALO. *INPUT*

XTALO — Crystal Oscillator Output

Crystal oscillator output. *OUTPUT*

CLKSEL — DSP Clock Select

This pin selects the internal source clock. When CLKSEL is low, CLKIN is connected to the internal PLL from which all internal clocks are derived. When CLKSEL is high, the PLL is bypassed and the external clock directly drives all input logic. *INPUT*

FDAT7 — DSPAB Bidirectional Data Bus

FDAT6

FDAT5

FDAT4

FDAT3

FDAT2

FDAT1

FDAT0

In parallel host mode, these pins provide a bidirectional data bus to DSPAB. These pins have an internal pull-up.
BIDIRECTIONAL - Default: INPUT

FA0, FSCCLK — Host Parallel Address Bit Zero or Serial Control Port Clock

In parallel host mode, this pin serves as one of two address input pins used to select one of four parallel registers. In serial host mode, this pin serves as the serial control clock signal, specifically as the SPI clock input. *INPUT*

FA1, FSCDIN — Host Address Bit One or SPI Serial Control Data Input

In parallel host mode, this pin serves as one of two address input pins used to select one of four parallel registers. In SPI serial host mode, this pin serves as the data input. *INPUT*

FHS1, FRD, FR/W — Mode Select Bit 1 or Host Parallel Output Enable or Host Parallel R/W

DSPAB control port mode select bit 1. This bit is one of 3 control port select bits that are sampled on the rising edge of RESET to determine the control port mode of DSPAB. In Intel parallel host mode, this pin serves as the active-low data bus enable input. In Motorola parallel host mode, this pin serves as the read-high/write-low control input signal. In serial host mode, this pin can serve as the external memory active-low data-enable output signal.
BIDIRECTIONAL - Default: INPUT

FHS0, FWR, FDS — Mode Select Bit 0 or Host Write Strobe or Host Data Strobe

DSPAB control port mode select bit 0. This bit is one of 3 control port select bits that are sampled on the rising edge of RESET to determine the control port mode of DSPAB. In Intel parallel host mode, this pin serves as the active-low data-write-input strobe. In Motorola parallel host mode, this pin serves as the active-low data-strobe-input signal. In serial host mode, this pin can serve as the external-memory active-low write-enable output signal.
BIDIRECTIONAL - Default: INPUT

FCS — Host Parallel Chip Select, Host Serial SPI Chip Select

In parallel host mode, this pin serves as the active-low chip-select input signal. In serial host SPI mode, this pin is used as the active-low chip-select input signal. *INPUT*

FHS2, FSCDIO, FSCDOUT — Mode Select Bit 2 or Serial Control Port Data Input and Output, Parallel Port Type Select

DSPAB control port mode select bit 2. This bit is one of 3 control port select bits that are sampled on the rising edge of RESET to determine the control port mode of DSPAB. In SPI mode this pin serves as the data output pin. In parallel host mode, this pin is sampled at the rising edge of RESET to configure the parallel host mode as an Intel type bus or as a Motorola type bus. *BIDIRECTIONAL - Default: INPUT*

FINTREQ — Control Port Interrupt Request

Open-drain interrupt-request output. This pin is driven low to indicate that the DSP has outgoing control data that should be read by the host.
OPEN DRAIN I/O - Requires 3.3K Ohm Pull-Up

FSCLKN1, STCCLK2 — PCM Audio Input Bit Clock

Digital-audio bit clock input. FSCLKN1 operates asynchronously from all other DSPAB clocks. In master mode, FSCLKN1 is derived from DSPAB's internal clock generator. The active edge of FSCLKN1 can be programmed by the DSP.
BIDIRECTIONAL - Default: INPUT

FLRCLKN1 — PCM Audio Input Sample Rate Clock

Digital-audio frame clock input. FLRCLKN1 typically is run at the sampling frequency. FLRCLKN1 operates asynchronously from all other DSPAB clocks. The polarity of FLRCLKN1 for a particular subframe can be programmed by the DSP.
BIDIRECTIONAL - Default: INPUT

FSDATAN1 — PCM Audio Data Input One

Digital-audio data input that can accept from one compressed line or 2 channels of PCM data. FSDATAN1 can be sampled with either edge of FSCLKN1, depending on how FSCLKN1 has been configured. *INPUT*

CMPCLK, FSCLKN2 — PCM Audio Input Bit Clock

Digital-audio bit clock input. FSCLKN2 operates asynchronously from all other DSPAB clocks. The active edge of FSCLKN2 can be programmed by the DSP.
BIDIRECTIONAL - Default: INPUT

CMPDAT, FSDATAN2 — PCM Audio Data Input Number Two

Digital-audio data input that can accept either one compressed line or 2 channels of PCM data. FSDATAN2 can be sampled with either edge of FSCLKN2, depending on how FSCLKN2 has been configured.
BIDIRECTIONAL - Default: INPUT

FDBCK — Reserved

This pin is reserved and should be pulled up with an external 3.3k resistor. *INPUT*

FDBDA — Reserved

This pin is reserved and should be pulled up with an external 3.3k resistor.
BIDIRECTIONAL - Default: INPUT

PLLVDD — PLL Supply Voltage

2.5 V PLL supply.

PLLVSS — PLL Ground Voltage

PLL ground.

RESET — Master Reset Input

Asynchronous active-low master reset input. Reset should be low at power-up to initialize the DSP and to guarantee that the device is not active during initial power-on stabilization periods. At the rising edge of reset the host interface mode of DSPAB is selected contingent on the state of the FHS0, FHS1, and FHS2 pins. At the rising edge of reset the host interface mode of DSPC is selected contingent on the state of the UHS0, UHS1, and UHS2 pins. If reset is low all bidirectional pins are high-Z inputs. *INPUT*

TEST — Reserved

This should be tied low for normal operation. *INPUT*

MCLK — Audio Master Clock

Bidirectional master audio clock. As an output, MCLK provides a low jitter oversampling clock. MCLK supports all standard oversampling frequencies. BIDIRECTIONAL - Default: INPUT

SCLK0 — Audio Output Bit Clock

Bidirectional digital-audio output bit clock for AUDATA0, AUDATA1, AUDATA2, and AUDATA3. As an output, SCLK0 can provide 32 Fs, 64 Fs, 128 Fs, 256 Fs, or 512 Fs frequencies and is synchronous to MCLK. As an input, SCLK0 is independent of MCLK.
BIDIRECTIONAL - Default: INPUT

SCLK1 — Audio Output Bit Clock

Bidirectional digital-audio output bit clock for AUDATA4, AUDATA5, AUDATA6, and AUDATA7. As an output, SCLK1 can provide 32 Fs, 64 Fs, 128 Fs, 256 Fs, or 512 Fs frequencies and is synchronous to MCLK. As an input, SCLK1 is independent of MCLK.
BIDIRECTIONAL - Default: INPUT

LRCLK0 — Audio Output Sample Rate Clock

Bidirectional digital-audio output frame clock for AUDATA0, AUDATA1, AUDATA2, and AUDATA3. As an output, LRCLK0 can provide all standard output sample rates up to 192 kHz and is synchronous to MCLK. As an input, LRCLK0 is independent of MCLK.
BIDIRECTIONAL - Default: INPUT

LRCLK1 — Audio Output Sample Rate Clock

Bidirectional digital-audio output frame clock for AUDATA4, AUDATA5, AUDATA6, and AUDATA7. As an output, LRCLK1 can provide all standard output sample rates up to 192 kHz and is synchronous to MCLK. As an input, LRCLK1 is independent of MCLK.
BIDIRECTIONAL - Default: INPUT

AUDATA0 — Digital Audio Output 0

PCM digital-audio data output. *OUTPUT*

AUDATA1 — Digital Audio Output 1

PCM digital-audio data output. *OUTPUT*

AUDATA2 — Digital Audio Output 2

PCM digital-audio data output. *OUTPUT*

AUDATA3, XMT958A — Digital Audio Output 3, S/PDIF Transmitter

IC23: CS4382

CMOS level output that outputs a biphase-mark encoded (S/PDIF) IEC60958 signal or digital audio data which is capable of carrying two channels of PCM digital audio. *OUTPUT*

AUDATA4, GPIO28 — Digital Audio Output 4, General Purpose I/O

PCM digital-audio data output. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. BIDIRECTIONAL - Default: OUTPUT

AUDATA5, GPIO29 — Digital Audio Output 5, General Purpose I/O

PCM digital-audio data output. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: OUTPUT*

AUDATA6, GPIO30 — Digital Audio Output 6, General Purpose I/O

PCM digital-audio data output. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: OUTPUT*

AUDATA7, XMT958B, GPIO31 — Digital Audio Output 7, S/PDIF Transmitter, General Purpose I/O

CMOS level output that contains a biphase-mark encoded (S/PDIF) IEC60958 signal or digital audio data which is capable of carrying two channels of PCM digital audio. This pin can also act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: OUTPUT*

DBCK — Debug Clock

Must be tied high to 3.3k ohm resistor. *INPUT*

DBDA — Debug Data

Must be tied high to 3.3k ohm resistor. *BIDIRECTIONAL - Default: INPUT*

SLCKN, GPIO22 — PCM Audio Input Bit Clock, General Purpose I/O

Digital-audio bit clock that is an input. SCLKN operates asynchronously from all other DSPAB clocks. The active edge of SCLKN can be programmed by the DSP. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC.

BIDIRECTIONAL - Default: INPUT

LRCLKN, GPIO23 — PCM Audio Input Sample Rate Clock, General Purpose I/O

Digital-audio frame clock input. LRCLKN operates asynchronously from all other DSPAB clocks. The polarity of LRCLKN for a particular subframe can be programmed by the DSP. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: INPUT*

SDATAN0, GPIO24 — PCM Audio Input Data, General Purpose I/O

Digital-audio PCM data input. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: INPUT*

SDATAN1, GPIO25 — PCM Audio Input Data, General Purpose I/O

Digital-audio PCM data input. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: INPUT*

SDATAN2, GPIO26 — PCM Audio Input Data, General Purpose I/O

Digital-audio PCM data input. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: INPUT*

SDATAN3, GPIO27 — PCM Audio Input Data, General Purpose I/O

Digital-audio PCM data input. This pin can act as a general-purpose input or output that can be individually configured and controlled by DSPC. *BIDIRECTIONAL - Default: INPUT*

$\overline{\text{SCS}}$ — Host Serial SPI Chip Select

SPI mode active-low chip-select input signal. *INPUT*

SCCLK — Serial Control Port Clock

This pin serves as the serial SPI clock input. *INPUT*

SCDIN — SPI Serial Control Data Input

In SPI mode this pin serves as the data input pin. *INPUT*

SCDOUT, SCDIO — Serial Control Port Data Input and Output

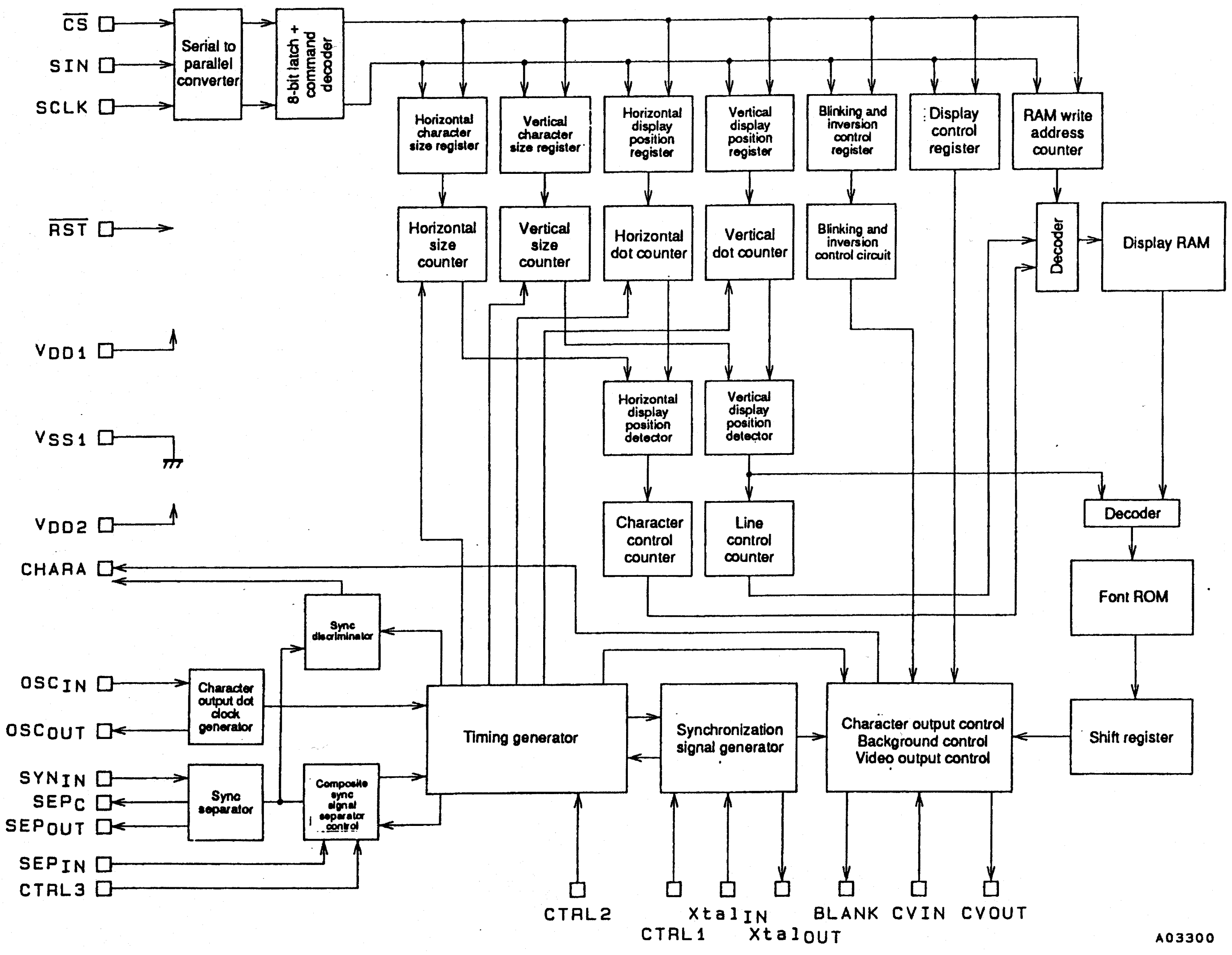
In SPI mode this pin serves as the data output pin. *BIDIRECTIONAL - Default: OUTPUT in SPI mode*

$\overline{\text{INTREQ}}$ — Control Port Interrupt Request

Open-drain interrupt-request output. This pin is driven low to indicate that DSPC has outgoing control data and should be serviced by the host.

OPEN DRAIN I/O - Requires 3.3K Ohm Pull-Up

IC78 : LC74781

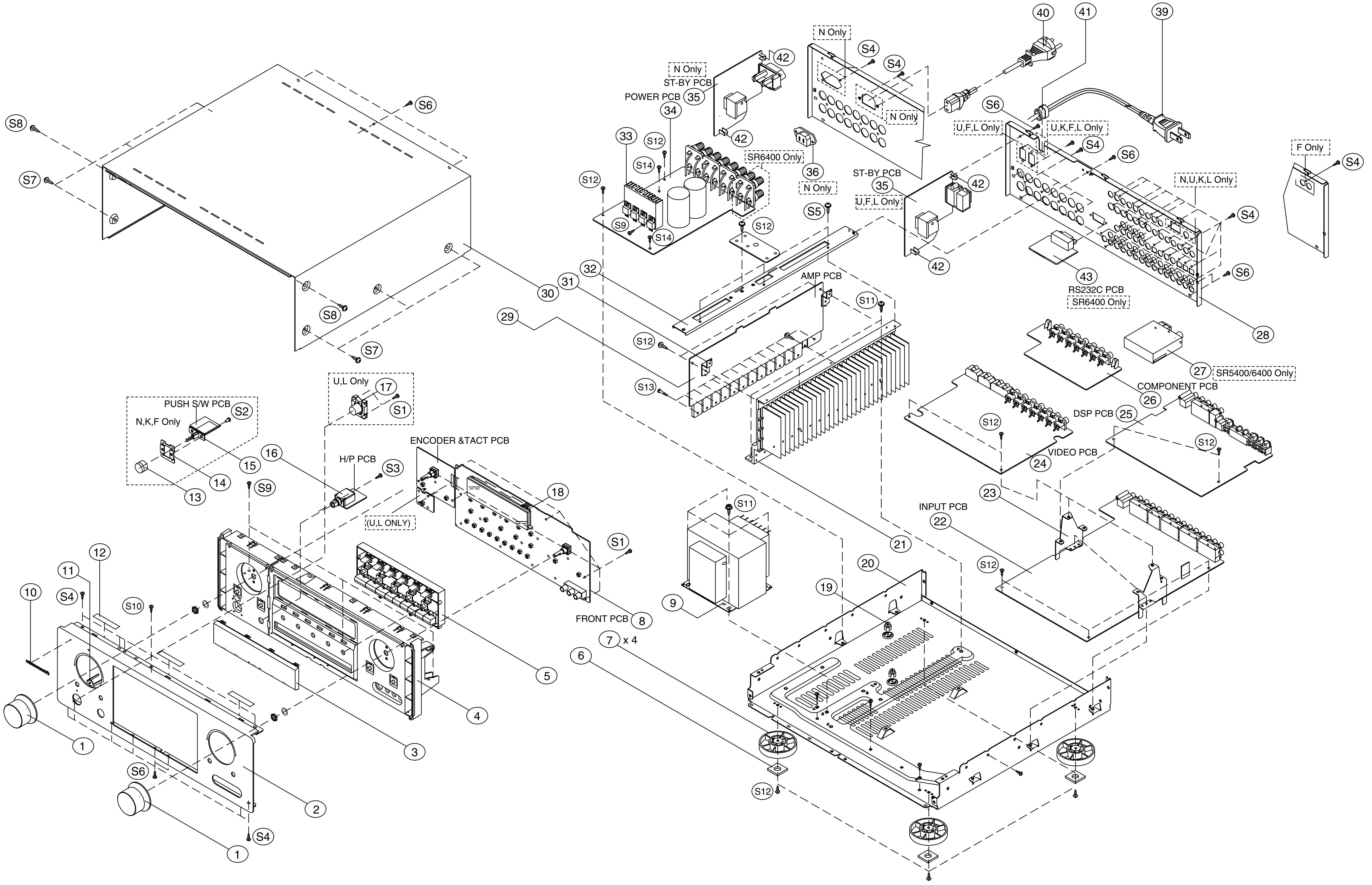


CS
SIN
SCLK
Serial to parallel converter
8-bit latch + command decoder
Horizontal character size register
Vertical character size register
Horizontal display position register
Vertical display position register
Blinking and inversion control register
Display control register
RAM write address counter
RST
Horizontal size counter
Vertical size counter
Horizontal dot counter
Vertical dot counter
Blinking and inversion control circuit
Decoder
Display RAM
VDD1
VSS1
Horizontal display position detector
Vertical display position detector
VDD2
Decoder
Character control counter
Line control counter
Font ROM
CHARA
Sync discriminator
OSCIN
OSCOUT
Character output dot clock generator
Timing generator
Synchronization signal generator
Character output control Background control Video output control
Shift register
SYNIN
SEPC
SEPOUT
Sync separator
Composite sync signal separator control
SEPIN
CTRL3
CTRL2
CTRL1
XtalIN
XtalOUT
BLANK
CVIN
CVOUT
A03300

Pin Functions

Pin No.	Symbol	Function	Description
1	$V_{SS}1$	Ground	Ground connection (digital system ground)
2	$Xtal_{IN}$	Crystal oscillator connection	Used to connect the crystal oscillator and capacitor used to generate the internal synchronization signal, or to input an external clock (2fsc or 4fsc).
3	$Xtal_{OUT}$		
4	CTRL1	Crystal oscillator input switching	Switches between external clock input mode and crystal oscillator mode. Low = crystal oscillator mode, high = external clock mode
5	BLANK	Blanking output	Outputs the blank signal (the OR of the character and border signals). (Outputs a composite sync signal when MOD0 is high.) Outputs the crystal oscillator clock during reset (when the $\overline{\text{RST}}$ pin is low), but can be set up to not output this signal by microprocessor command.
6	OSC_{IN}	LC oscillator connection	Connections for the coil and capacitor that form the oscillator that generates the character output dot clock.
7	OSC_{OUT}		
8	CHARA	Character output	Outputs the character signal. (Functions as the external synchronization signal discrimination signal output pin when MOD0 is high, and outputs the state of the judgment as to whether the external synchronization signal is present or not. Outputs a high level when the synchronization signal is present.) Outputs the dot clock (LC oscillator) during reset, but can be set up to not output this signal by microprocessor command.
9	$\overline{\text{CS}}$	Enable input	Serial data input enable input. Serial data input is enabled when low. A pull-up resistor is built in (hysteresis input).
10	SCLK	Clock input	Serial data input clock input. A pull-up resistor is built in (hysteresis input).
11	SIN	Data input	Serial data input. A pull-up resistor is built in (hysteresis input).
12	$V_{DD}2$	Power supply	Composite video signal level adjustment power supply pin (analog system power supply).
13	CV_{OUT}	Video signal output	Composite video signal output
14	NC		Must be either connected to ground or left open.
15	CV_{IN}	Video signal input	Composite video signal input
16	$V_{DD}1$	Power supply	Power supply (+5 V: digital system power supply)
17	SYN_{IN}	Sync separator circuit input	Video signal input for the built-in sync separator circuit (Used for either horizontal synchronization signal or composite sync signal input when the built-in sync separator circuit is not used.)
18	SEP_C	Sync separator circuit bias voltage	Built-in sync separator circuit bias voltage monitor pin
19	SEP_{OUT}	Composite sync signal output	Built-in sync separator circuit composite sync signal output. (When MOD1 is high, outputs a high level during internal synchronization and a low level during external synchronization.) (Outputs the SYN_{IN} input signal when the internal sync separator circuit is not used.)
20	SEP_{IN}	Vertical synchronization signal input	Inputs a vertical synchronization signal created by integrating the SEP_{OUT} pin output signal. An integrator must be attached at the SEP_{OUT} pin. This pin must be tied to $V_{DD}1$ if unused.
21	CTRL2	NTSC/PAL-M switching input	The setting indicated by this pin takes priority in switching between the NTSC, PAL, PAL-M and PAL-N formats. A low level selects NTSC after a reset. The microprocessor command NTSC, PAL, PAL-M, or PAL-N setting is valid. High = PAL-M format.
22	CTRL3	SEP_{IN} input control	Controls whether or not the $\overline{\text{VSYNC}}$ signal is input to the SEP_{IN} input. Low = $\overline{\text{VSYNC}}$ input, high = $\overline{\text{VSYNC}}$ not input.
23	RST	Reset input	System reset input. A pull-up resistor is built in (hysteresis input).
24	$V_{DD}1$	Power supply (+5 V)	Power supply (+5 V: digital system power supply)

8. EXPLODED VIEW AND PARTS LIST



40
41
39
N Only
S4
S4
N Only
42
N Only
ST-BY PCB
POWER PCB
35
34
42
33
S12
S14
SR6400 Only
36
N Only
S12
S9
S14
S12
S5
ST-BY PCB
35
U,F,L Only
42
42
S6
U,F,L Only
U,K,F,L Only
S4
S6
F Only
S4
N,U,K,L Only
S4
S6
43
RS232C PCB
SR6400 Only
28
S8
S6
S7
30
S8
S7
32
31
29
AMP PCB
S11
S12
S13
27
SR5400/6400 Only
COMPONENT PCB
26
DSP PCB
25
S12
S12
VIDEO PCB
24
U,L Only
17
S1
PUSH S/W PCB
S2
N,K,F Only
15
14
13
16
H/P PCB
S3
S9
ENCODER &TACT PCB
18
(U,L ONLY)
S1
FRONT PCB
8
S11
9
7 x 4
6
INPUT PCB
22
23
21
20
19
S12
S12
12
11
10
S4
S10
5
4
3
1
S6
2
S4
1

SR5400/K/N/U, PS5400/F

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
1	/F1N/K1G	nsp	27AW154020	KNOB	MASTER KNOB (GOLD)	HGK1A089ZA
1	/K1S/N1S	27AW154030	27AW154030	KNOB	MASTER KNOB (SILVER)	HGK1A089XA
1	/N1B/U1B	27AW154010	27AW154010	KNOB	MASTER KNOB (BLACK)	HGK1A089YA
2	/F1N	nsp	27AW248110	PANEL	FRONT AL PANEL (F GOLD)	CKM1A134VC24
2	/K1G	nsp	27AW248110	PANEL	FRONT AL PANEL (GOLD)	CKM1A134ZC24
2	/K1S/N1S	27AW248210	27AW248210	PANEL	FRONT AL PANEL (SILVER)	CKM1A134ZC40
2	/N1B	27AW248010	27AW248010	PANEL	FRONT AL PANEL (BLACK)	CKM1A134ZC23
2	/U1B	nsp	27AW248020	PANEL	FRONT AL PANEL (U BLACK)	CKM1A134YC23
3	/F1N	nsp	27AW158040	WINDOW	FIP WINDOW	CGU1A306X
3	/K1G/N1B /U1B	27AW158010	27AW158010	WINDOW	FIP WINDOW	CGU1A306Z
3	/K1S/N1S	27AW158210	27AW158210	WINDOW	FIP WINDOW	CGU1A306Y
4	/F1N/K1G	nsp	27AW105120	CHASSIS	FRONT MOLD CHASSIS (GOLD)	CGW1A358RFZD4
4	/K1S/N1S	27AW105220	27AW105220	CHASSIS	FRONT MOLD CHASSIS (SILVER)	CGW1A358R6ZG13
4	/N1B/U1B	27AW105020	27AW105020	CHASSIS	FRONT MOLD CHASSIS (BLACK)	CGW1A358ZK92
5	/F1N/K1G	nsp	27AW270110	BUTTON	FUNCTION BUTTON (GOLD)	CBT1A876RFD4
5	/K1S/N1S	27AW270210	27AW270210	BUTTON	FUNCTION BUTTON (SILVER)	CBT1A876R6G13
5	/N1B/U1B	27AW270010	27AW270010	BUTTON	FUNCTION BUTTON (BLACK)	CBT1A876K92
6		nsp	nsp	CUSHION	FOR LEG (RUBBER)	KHG1A050
7	/F1N/K1G /N1B/U1B	243W057010	243W057010	LEG	FOOT	CKL2A042H11
7	/K1S/N1S	243W057210	243W057210	LEG	FOOT	CKL2A042H46
8	/F	nsp	nsp	PCB ASSY	FRONT PCB ASSY PS5400/F1	COP11590E
8	/K	nsp	nsp	PCB ASSY	FRONT PCB ASSY SR5400/K1	COP11590D
8	/N	nsp	nsp	PCB ASSY	FRONT PCB ASSY SR5400/N1	COP11590B
8	/U	nsp	nsp	PCB ASSY	FRONT PCB ASSY SR5400/U1	COP11590C
⚠ 9	/F	nsp	*TS001980R	TRANSF.	MAINS POWER PS5400/F1	CLT5W008ZJ
⚠ 9	/K	nsp	*TS001990R	TRANSF.	MAINS POWER SR5400/K1	CLT5W008ZH
⚠ 9	/N	*TS002000R	*TS002000R	TRANSF.	MAINS POWER SR5400/N1	CLT5W008ZE
⚠ 9	/U	nsp	*TS002010R	TRANSF.	MAINS POWER SR5400/U1	CLT5W008ZU
10	/F1N/K1G /N1B/U1B	24AW251010	24AW251010	BADGE	NEW MZ BADGE	CGB1A117
10	/K1S/N1S	24AW251020	24AW251020	BADGE	NEW MZ BADGE SILVER	CGB1A117G
11		27AW355010	27AW355010	LENS	STANDBY LENS	CGL1A216
13	/F1N/K1G	nsp	27AW270140	BUTTON	POWER SW BUTTON (GOLD)	CBC1A146RFD4
13	/K1S/N1S	27AW270240	27AW270240	BUTTON	POWER SW BUTTON (SILVER)	CBC1A146R6G13
13	/N1B	27AW270040	27AW270040	BUTTON	POWER SW BUTTON (BLACK)	CBC1A146K92
14	/F/K/N	nsp	nsp	BRACKET	POWER SW BRACKET	CMD1A493
17	/U1B	nsp	27AW270030	BUTTON	POWER SW BUTTON TACT (BLACK)	CBT1A877K92
18		nsp	nsp	HOLDER	FL DISPLAY HOLDER	CMD1A374
19		nsp	nsp	HOLDER	PCB HOLDER	CHE1A030
20		nsp	nsp	CHASSIS	MAIN CHASSIS	CUA1A230
21		nsp	nsp	HEATSINK	MAIN HEAT SINK	CMY1A208
22	/F	nsp	nsp	PCB ASSY	INPUT PCB ASSY PS5400/F1	COP11592E
22	/K	nsp	nsp	PCB ASSY	INPUT PCB ASSY SR5400/K1	COP11592D
22	/N	nsp	nsp	PCB ASSY	INPUT PCB ASSY SR5400/N1	COP11592B
22	/U	nsp	nsp	PCB ASSY	INPUT PCB ASSY SR5400/U1	COP11592C
23		nsp	nsp	BRACKET	BRACKET FOR PCB 1F-3F	CMD1A492
25	/F	nsp	nsp	PCB ASSY	DSP PCB ASSY PS5400/F1	COP11593E
25	/K	nsp	nsp	PCB ASSY	DSP PCB ASSY SR5400/K1	COP11593D
25	/N	nsp	nsp	PCB ASSY	DSP PCB ASSY SR5400/N1	COP11593B
25	/U	nsp	nsp	PCB ASSY	DSP PCB ASSY SR5400/U1	COP11593C
26		nsp	nsp	PCB ASSY	COMPONENT PCB ASSY SR5400	COP11595B
27	/K	nsp	*AV000330R	TUNER	KST-MB014MA1-8A (CHINA)	CNVKSTMB014MA1A
27	/N	*AV000340R	*AV000340R	TUNER	KST-MB114LA1-8 (EUR)	CNVKSTMB114LA18
27	/U	nsp	*AV000350R	TUNER	KST-MB014MA0-8 (USA)	CNVKSTMB014MA08
28	/F1N	nsp	nsp	PANEL	REAR PANEL (F GL)	CKF4A257Z
28	/K1G	nsp	nsp	PANEL	REAR PANEL (K GL)	CKF3A257Z
28	/K1S	nsp	nsp	PANEL	REAR PANEL (K SILVER)	CKF3A257Y
28	/N1B	nsp	nsp	PANEL	REAR PANEL (N BL)	CKF1A257Z
28	/N1S	nsp	nsp	PANEL	REAR PANEL (N SILVER)	CKF1A257X
28	/U1B	nsp	nsp	PANEL	REAR PANEL (U BL)	CKF2A257Z
29		nsp	nsp	PCB ASSY	AMP PCB ASSY SR5400	COP11591D
31		nsp	nsp	BRACKET	BRACKET FOR POWER AMP PCB	CMD1A490
32		nsp	nsp	BRACKET	BRACKET FOR HEATSINK TOP	CMD1A491K92
34	/F	nsp	nsp	PCB ASSY	POWER PCB ASSY PS5400/F1	COP11594E
34	/K	nsp	nsp	PCB ASSY	POWER PCB ASSY SR5400/K1	COP11594D
34	/N	nsp	nsp	PCB ASSY	POWER PCB ASSY SR5400/N1	COP11594B

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
34	/U	nsp	nsp	PCB ASSY	POWER PCB ASSY SR5400/U1	COP11594C
⚠ 36	/N	*YJ002690R	*YJ002690R	INLET	R-301(187-2P) AC(10A/250V/EUR)	HJJ8A001Z
⚠ 39	/F	nsp	*YC000800R	MAINS CORD	MAINS CORD FOR /F	CJA2J049ZA
⚠ 39	/K	nsp	*YC000790R	MAINS CORD	MAINS CORD FOR /K	CJA2N047ZA
⚠ 39	/U	nsp	*YC000780R	MAINS CORD	MAINS CORD FOR /U	CJA523FBYA
41	/F/K/U	nsp	nsp	BUSHING	FOR MAINS CORD	KHR1A028
⚠ F801	/F/U	nsp	*FS001080R	FUSE	10A/250V	KBA2C1002TLEY
⚠ F801	/K/N	*FS001090R	*FS001090R	FUSE	5A/250V(EUR) T5AL	KBA2C5000TLEY
					WIRE	
JW15		nsp	*YU001240R	FFC	FFC 15P 270MM	CWC1B4A15A270A
JW25		nsp	*YU001250R	FFC	FFC 19P 80MM	CWC1B4A19A080B
JW27		nsp	*YU001260R	FFC	FFC 15P 80MM HTS-3000	CWC1C4A15B080B
JW34	/K/U	nsp	*YU001290R	FFC	FFC 15P 180MM	CWC1C4A15B180B
JW35	/N	nsp	*YU001300R	FFC	FFC 17P 180MM	CWC1C4A17B180B
JW36		nsp	*YU001270R	FFC	FFC 11P 80MM PICH 1.0	CWC1B4A11A080A
JW38		nsp	*YU001280R	FFC	FFC 13P 430MM	CWC1B4A13A430A
BN19	/F/K/N	nsp	nsp	CORD	WIRE ASSY	CWB4FA32420UU
BN23		nsp	nsp	CORD	WIRE ASSY	CWZSR5400BN23
BN24		nsp	nsp	CORD	WIRE ASSY	CWZSR5400BN24
BN54		nsp	nsp	CORD	WIRE ASSY	CWB1B905170EN
BN68		nsp	nsp	CORD	WIRE ASSY	CWZSR5400BN68
BN41		nsp	nsp	CORD	WIRE ASSY	CWB1B905140EN
BN11		nsp	nsp	CORD	WIRE ASSY	CWB1B907230EN
BN12		nsp	nsp	CORD	WIRE ASSY	CWB1B905340EN
BN14		nsp	nsp	CORD	WIRE ASSY	CWB1B907370EN
BN17		nsp	nsp	CORD	WIRE ASSY	CWB1C905370EN
BN92	/N	nsp	nsp	CORD	WIRE ASSY	CWZSR5400BN92
JW11		nsp	nsp	CORD	WIRE ASSY	CWE8102150RV
JW12		nsp	nsp	CORD	WIRE ASSY	CWE8102050RV
JW13		nsp	nsp	CORD	WIRE ASSY	CWE8102150RV
BN22		nsp	nsp	CORD	WIRE ASSY	CWB1B913330EN
BN29		nsp	nsp	CORD	WIRE ASSY	CWB1C908400EN
BN30		nsp	nsp	CORD	WIRE ASSY	CWB1C909120EN
BN32	/F	nsp	nsp	CORD	WIRE ASSY	CWB1B903200EN
BN21		nsp	nsp	CORD	WIRE ASSY	CWB1C905170EN
BN73		nsp	nsp	CORD	WIRE ASSY	CWB3F006100UZ
					PACKING	
		ZK27AW0010	ZK27AW0010	UNIT KIT	REMOTE CONTROLLER RC5400SR	HARTSR5400
	/F	nsp	27AW851110	USER GUIDE	USER GUIDE PS5400 F	CQX1A838Z
	/K	nsp	27AW851350	USER GUIDE	USER GUIDE SR5400 K	CQX1A830Z
	/N	27AW851310	27AW851310	USER GUIDE	USER GUIDE SR5400 N	CQX1A828Z
	/U	nsp	27AW851250	USER GUIDE	USER GUIDE SR5400 U	CQX1A829Z
⚠ 40	/N	*ZC000260R	*ZC000260R	MAINS CORD	MAINS CORD FOR /N 2WIRE 10A/250V	HJA2B054Z
					NOT STANDARD SPARE PART	
	/F	nsp	27AW801030	PACKING CASE	PACKING CASE PS5400	CPG1A720X
	/K	nsp	27AW801020	PACKING CASE	PACKING CASE SR5400 WO CO	CPG1A720W
	/N/U	nsp	27AW801010	PACKING CASE	PACKING CASE SR5400	CPG1A720Z
		nsp	27AW809010	CUSHION	PAD , SNOW	CPS1A649
30	/F1N/K1G	nsp	27AW257110	LID	TOP COVER (GOLD)	CKC1A139K118
30	/K1S/N1S	27AW257210	27AW257210	LID	TOP COVER (SILVER)	CKC1A139G14
30	/N1B/U1B	27AW257010	27AW257010	LID	TOP COVER (BLACK)	CKC1A139K117

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

9. POWER AMPLIFIER ADJUSTMENT

Idling Current Alignment

1. Each of the measurement points are provided with the two test points. Set a digital Voltage meter to DC voltage input, connect the meter to the test points at both contact points.
2. After the setup above, turn on the main switch and heat up the amplifier about 10 minutes.
3. Adjust variable resistors (VR41, VR42…VR62) according to the digital voltmeter readings. The target setting value is 4.9 mV +/- 0.05 mV for each channels.

Settings : Master Volume --- Minimum
Speaker out --- No Load
Top lid --- OPEN

Channel	Alignment Point	Measurement Point
Front L	VR41	CN41
Center	VR61	CN61
Front R	VR51	CN51
Surr. L	VR42	CN42
Surr. R	VR52	CN52
SB	VR62	CN62

Time Table of Idling Current Rise

After Turning ON	Measurement Voltage (CN**)
5 min.	4.5 mV
10 min.	4.9 mV
20 min.	5.5 mV
30 min.	6.2 mV
40 min.	6.8 mV
60 min.	7.0 mV

10. SERVICE MODE

Microprocessor (IC28), DSP(IC20)Version and FLD Segment Check Mode.

1.While the power is on, **ATT**, **TAPE** and **SELECT** buttons simultaneously more than 3 seconds.
The FL display shows "SERVICE MODE"for 2 seconds then shows the model name.

S	E	R	V	I	C	E		M	O	D	E	

			S	R	5	4	0	0				

2.Press **DISPLAY** button, The software version of the microprocessor (IC28) is displayed in the format below.

V	0	3	0	5	1	9		1	U			
	Year		Month		Date			Dest.				

(Dest.:Destination)

3.Press **DISPLAY** button again, The software Type Number is displayed.

S	O	F	T		T	Y	P	E			x	x

(XX is displayed in Hex)

4.Press **DISPLAY** button again, The Code Group Type Number is displayed.

C	O	D	E		T	Y	P	E	x	x	x	x

(XXXX is displayed in Hex)

5. Press **DISPLAY** button again, The left half, right half and center of the label area in the FLD light on and off each other.
6. Press **DISPLAY** button again, The segments of the character area in the FLD flick in checker pattern.
7. Press **DISPLAY** button again, All the FL segments turns off.
8.Press **DISPLAY** button again. Every time **DISPLAY** button is pressed, DSP code is indicated in turn from NO.1 to NO.10.

C	D	0	1		0	1	0	2	0	1	0	1
		No.			Dev.		SIG		TYP		Ver.	

No.:CODE No. Dev.:Device ID SIG:CODE SIG ID
TYP:CODE TYP ID Ver.:Version

9. Press **DISPLAY** button again to quit this mode.

11. SYSTEM ERROR

When the microcomputer detects a trouble, the following information is displayed on the FLD.

- After the error contents indication, Surround Mode is initialized and returned Factory mode.
- The contents of the ERROR indication are the followings.

1. Trouble in DSP.
If communication with DSP is troubled more than 2 seconds

C	H	E	C	K		D	S	P				

Indication is keep and sound is mute.

2. Trouble in DSP Code.
The trouble of DSP Code was found.

C	H	E	C	K		D	S	P		R	O	M

3. Trouble in ADC.
When ADC input was chosen and CAL signal continued High about 2 seconds after the ADC Calibration start.

C	H	E	C	K		A	D	C				

4.Trouble in EEP-ROM
If data from EEPROM does not match.

C	H	E	C	K		E	2	P				

5. Trouble in EEP-ROM IF
If communication with EEPROM is troubled more than 2 seconds.

C	H	E	C	K		E	2	P		I	F	

6. Trouble in RS-232C.
If communication of Panja with RS232C (only SR6400) is troubled more than 2 seconds.

C	H	E	C	K		2	3	2	C			

7. Trouble in 5V Supply
If 5V supply to DATA DIR is troubled.

C	H	E	C	K		P	O	W	5			

8. Trouble in Protection
CPU turns off the speaker output

P	R	O	T	E	C	T						

10. SERVICE MODE

Microprocessor (IC28), DSP(IC20) の Version 表示及び FL 点燈を確認するモードです。

1. セットの電源を入れます。**ATT**, **TAPE**, **SELECT** のボタンを同時に約 3 秒以上押します。
   "SERVICE MODE" と表示が出ます。更に約２秒後に機種名が表示されれます。

S	E	R	V	I	C	E		M	O	D	E	

			S	R	5	4	0	0				

2. **DISPLAY** ボタンを押します。マイコン（IC28）のバージョンが次のように表示されれます。

V	0	3	0	5	1	9		1	U			

└Year┘ └Month┘ └Date┘ └Dest.┘

(Dest.: 仕向け)

3. **DISPLAY** ボタンを押します。マイコン（IC28）の Software Type が表示されれます

S	O	F	T		T	Y	P	E			x	x

(XX:Hex 数字表示)

4.**DISPLAY** ボタンを押します。Code Group Type が表示されれます

C	O	D	E		T	Y	P	E	x	x	x	x

(XXXX:Hex 数字表示)

5. **DISPLAY** ボタンを押します。FL 表示の右、左、中央部分が交互に点燈を繰り返します。
6. **DISPLAY** ボタンを押します。FL の Character 部分が点滅します。
7. **DISPLAY** ボタンを押します。FL が全消灯します
8. **DISPLAY** ボタンを押します。ボタンを押す度に DSP Code ID が NO.1 から NO.10 まで順に表示されれます .

C	D	0	1		0	1	0	2	0	1	0	1

└No.┘ └Dev.┘ └SIG┘ └TYP┘ └Ver.┘

No.:CODE No. Dev.:Device ID SIG:CODE SIG ID
TYP:CODE TYP ID Ver.:Version

9. **DISPLAY** ボタンを押します。サービスモードは解除されれます。

11. SYSTEM ERROR

製品内部での異常発生時に処理、表示を行います。主に各 Device との通信異常を検出します。

- ERROR 表示後、Surround Mode は初期化され工場出荷の状態に戻ります。
- ERROR 表示の内容は下記です。

1. DSP 異常検出表示。
   DSP との通信上の不具合を約 2 秒検出した時。

C	H	E	C	K		D	S	P				

表示状態はそのままで音声は Mute 状態

2. DSP Code 異常検出表示。
   DSP Code の異常を検出した時。

C	H	E	C	K		D	S	P		R	O	M

3. ADC 異常検出表示。
   ADC 入力を選択した場合に ADC Calibration 開始後、CAL 信号が約 2 秒以上 High を持続した時。

C	H	E	C	K		A	D	C				

4. EEP-ROM 異常検出表示。
   EEP-ROM Data の不整合を検出した時。

C	H	E	C	K		E	2	P				

5. EEP-ROM IF 異常検出表示。
   EEP-ROM との通信不具合が約 2 秒以上生じた時。

C	H	E	C	K		E	2	P		I	F	

6. RS-232C 異常検出表示。
   Panja 通信時 (SR6400 のみ) に RS-232C との通信不具合を約 2 秒以上検出した時。

C	H	E	C	K		2	3	2	C			

7. 5V 異常検出表示。
   DATA DIR. の異常を検出した時。

C	H	E	C	K		P	O	W	5			

8. Protection 信号異常検出表示。
   Speaker からを出力を止めます。

P	R	O	T	E	C	T						

12. ELECTRICAL PARTS LIST

ASSIGNMENT OF COMMON PARTS CODES.

RESISTORS

R∗∗∗: 1) GD05××× 140, Carbon film fixed resistor, ±5% 1/4W
R∗∗∗: 2) GD05××× 160, Carbon film fixed resistor, ±5% 1/6W
① —— Resistance value

Examples ;
① Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS

C∗∗∗: CERAMIC CAP.
3) DD1×××× 370, Ceramic capacitor
Disc type
Temp.coeff.P350 ∼N1000, 50V
② ③
Capacity value
Tolerance

Examples ;
② Tolerance (Capacity deviation)
±0.25 pF 0
±0.5 pF 1
±5% 5

∗ Tolerance of COMMON PARTS handled here are as follows :
0.5 pF∼ 5 pF .... ±0.25 pF
6 pF∼ 10 pF .... ±0.5 pF
12 pF∼ 560 pF .... ±5%

③ Capacity value

0.5 pF 005	3 pF 030	100 pF 101
1 pF 010	10 pF 100	220 pF 221
1.5 pF 015	47 pF 470	560 pF 561

C∗∗∗ : CERAMIC CAP.
4) DK16××× 300, High dielectric constant ceramic capacitor
Disc type
Temp.chara. 2B4, 50V
④
Capacity value

Examples ;
④ Capacity value

100 pF 101	1000 pF 102	10000 pF 103
470 pF 471	2200 pF 222	

C∗∗∗ : 5) ELECTROLY CAP. (⫲), 6) FILM CAP. (╪)
5) EA×××××× 10, Electrolytic capacitor
One-way lead type, Tolerance ±20%
⑤ ⑥
Working voltage
Capacity value

Examples ;
⑤ Capacity value

0.1 µF 104	4.7 µF 475	100 µF 107
0.33 µF 334	10 µF 106	330 µF 337
1 µF 105	22 µF 226	1100 µF 118
		2200 µF 228

⑥ Working voltage

6.3V 006	25V 025
10V 010	35V 035
16V 016	50V 050

6) DF15××× 350 → Plastic film capacitor
DF15××× 310 ┘ One-way type, Mylar ±5% 50V
DF16××× 310 → Plastic film capacitor
One-way type, Mylar ±10% 50V
⑦
Capacity value

Examples ;
⑦ Capacity value

0.001 µF (1000 pF) 102	0.1 µF 104
0.0018 µF 182	0.56 µF 564
0.01 µF 103	1 µF 105
0.015 µF 153	

NOTE : 1) The above CODES (R∗∗∗ , R∗∗∗ , C∗∗∗ , C∗∗∗ and C∗∗∗) are omitted on the schematic diagram in some case.
2) On the occasion, be confirmed the common parts on the parts list.
3) Refer to “Common Parts List” for the other common parts (**RI05**, **DD4**, **DK4**).

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation

Part No. (MJI)		Type No. (KOA)	Description
NH05××× 140	→	RF25S××××ΩJ	(±5% 1/4W)
NH05××× 120	→	RF50S××××ΩJ	(±5% 1/2W)
NH85××× 110	→	RF73B2A××××ΩJ	(±5% 1/10W)
NH95××× 140	→	RF73B2E××××ΩJ	(±5% 1/4W)

∗ Resistance value
Resistance value (0.1 Ω – 10 kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No. (MJI)		Type No. (MEC)	Description
NF05××× 140 RF05××× 140	→	ERD-2FCJ×××	(±5% 1/4W)
NF02××× 140 RF02××× 140	→	ERD-2FCG×××	(±2% 1/4W)

∗ Resistance value
∗ Resistance value

Examples ;
∗ Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

ABBREVIATION AND MARKS

ANT.	: ANTENNA	BATT.	: BATTERY
CAP.	: CAPACITOR	CER.	: CERAMIC
CONN.	: CONNECTING	DIG.	: DIGITAL
HP	: HEADPHONE	MIC.	: MICROPHONE
µ-PRO	: MICROPROCESSOR	REC.	: RECORDING
RES.	: RESISTOR	SPK	: SPEAKER
SW	: SWITCH	TRANSF.	: TRANSFORMER
TRIM.	: TRIMMING	TRS.	: TRANSISTOR
VAR.	: VARIABLE	X'TAL	: CRYSTAL

NOTE ON FUSE :

Regarding to all parts of parts code **FS20**xxx**2**xx, replace only with Wickmann-Werke GmbH, Type 372 non glass type fuse.

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol ⚠ . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意：

⚠がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
					DSP PCB (CUP11593Z)	
BN33		nsp	nsp	CONNECTOR	MOLEX35237-0710	KJP07GB99ZM
C101		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C102		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C103		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C104		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C105		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C106		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C107		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C108		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C109		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C110		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C111		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C112		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C113		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
C114		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C115		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C116		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
C117		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C118		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C119		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C120		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C121		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C122		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C123		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C124		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C125		nsp	DK98223300	CHIP CAP.	0.022µF 50V KC 1608SIZE	HCUS1H223KC
C126		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C127		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C128		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C129		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C130		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C131		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C132		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
C133		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
C134		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C135		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C136		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C137		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C138		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C139		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C141		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C142		nsp	DD95151300	CHIP CAP.	150pF 50V JA 1608 SIZE	HCUS1H151JA
C143		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C144		nsp	DK96272300	CHIP CAP.	2700pF 50V KC 1608SIZE	HCUS1H272KC
C145		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C146		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C148		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C149		nsp	DD95151300	CHIP CAP.	150pF 50V JA 1608 SIZE	HCUS1H151JA
C150		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C151		nsp	DK96272300	CHIP CAP.	2700pF 50V KC 1608SIZE	HCUS1H272KC
C152		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C153		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C154		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C155		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C156		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C157		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C158		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C159		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C160		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C161		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C162		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C163		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C164		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C165		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C166		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C167		nsp	OA22505020	ELECT. CAP.	2.2µF 50V	HCEA1HH2R2T
C168		nsp	DD95680300	CHIP CAP.	68pF 50V JA 1608SIZE	HCUS1H680JA
C169		nsp	DK96122300	CHIP CAP.	1200pF 50V KC 1608SIZE	HCUS1H122KC
C170		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C171		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C172		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C173		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C174		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C175		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C176		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C177		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C178		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C179		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C180		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C181		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C182		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C183		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C184		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C185		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C186		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C187		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C188		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C189		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C190		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C191		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C192		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C193		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C194		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C195		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C196		nsp	DD95101300	CHIP CAP.	100pF 50V JA 1608SIZE	HCUS1H101JA
C197		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C198		nsp	OA10505020	ELECT. CAP.	1µF 50V	HCEA1HH1R0T
C199		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C200		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C201		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C202		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C203		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C204		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C205		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C206		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C207		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C208		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C209		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C210		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C211		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC
C212		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C213		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C214		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C215		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C216		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C217		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C218		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C219		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C220		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C221		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C222		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C223		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C224		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C225		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC
C226		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C227		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C228		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C229		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C230		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C231		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C232		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC
C233		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C234		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C235		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C236		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C237		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C238		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C239		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC
C240		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C241		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C242		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C243		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C244		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C245		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C246		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C247		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC
C248		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C249		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C250		nsp	DK96332300	CHIP CAP.	3300pF 50V KC 1608SIZE	HCUS1H332KC
C251		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
C252		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
C253		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
C254		nsp	DK96102300	CHIP CAP.	1000pF 50V KC 1608SIZE	HCUS1H102KC
C255		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C256		nsp	DK96103300	CHIP CAP.	0.01µF 50V KC 1608SIZE	HCUS1H103KC
C257		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
C258		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
C259		nsp	DD95330300	CHIP CAP.	33pF 50V JA 1608SIZE	HCUS1H330JA
CC11		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC12		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
CC13		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC14		nsp	DD91100300	CHIP CAP.	10pF 50V JA 1608SIZE	HCUS1H100JA
CC15		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC16		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC17		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
CC18		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC19		nsp	DK98473300	CHIP CAP.	0.047µF 50V ZF 1608SIZE	HCUS1H473ZF
CC20		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
CC21		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC22		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC23		nsp	DD95220300	CHIP CAP.	22pF 50V JA 1608SIZE	HCUS1H220JA
CC24		nsp	DD95220300	CHIP CAP.	22pF 50V JA 1608SIZE	HCUS1H220JA
CC25		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC26		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1EH220T
CC27		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC28		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
CC29		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC30		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
CC31		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC32		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC33		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
CC34		nsp	OA22801620	ELECT. CAP.	2200µF 16V	HCEA1CH222E
CC35		nsp	OA22801620	ELECT. CAP.	2200µF 16V	HCEA1CH222E
CC36		nsp	OA22701620	ELECT. CAP.	220µF 16V	HCEA1CH221T
CC37		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC38		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
CC39		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC40		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
CC41		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CC42		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
CC43		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CL44		nsp	DK96104300	CHIP CAP.	0.1µF 50V ZF 1608 SIZE	HCUS1E104ZF
CN16		nsp	nsp	JACK FFC	15P 1M/M S/T	KJP15GA117ZG
CN22		nsp	nsp	JACK	MOLEX53014-1310	KJP13GA19ZM
CN26		nsp	nsp	JACK FFC	C.CABLE	KJP19GA117ZG
CN28		nsp	nsp	JACK FFC	GF120-15S-TS	KJP15GA115ZG
CN30		nsp	nsp	JACK	MOLEX53014-0910	KJP09GA19ZM
CN34	/K/U	nsp	nsp	JACK FFC	GF120-15S-TS	KJP15GA115ZG
CN34	/N	nsp	nsp	JACK FFC	GF120-17S-TS	KJP17GA115ZG
CN36		nsp	nsp	JACK FFC	C.CABLE	KJP11GA117ZG
CN38		nsp	nsp	JACK FFC	GF102-13S-TS	KJP13GA117ZG
CN40		nsp	nsp	JACK	MOLEX53014-0610	KJP06GA19ZM
CP11		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
CP12		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
CP13		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
CP14		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
CP15		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
CP16		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
CP17		nsp	DD95471300	CHIP CAP.	470pF 50V JA 1608SIZE	HCUS1H471JA
D001		*HI101040R	*HI101040R	L E D.	SLR342VCTB7T089 RED	HVD342VCTB7T089
DC11		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
DC12		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
IC11		HC700400Z0	HC700400Z0	IC	TC74HCU04AFN INVERTER	HVITC74HCU04AFN
IC12		HC700400Z0	HC700400Z0	IC	TC74HCU04AFN INVERTER	HVITC74HCU04AFN
IC13		HC10418030	HC10418030	IC	LC89057W-VF4-E DIR	HVILC89057WVF4E
IC14		HC10172090	HC10172090	IC	NJM2115MD-TE1 OP AMP	HVINJM2115MDTE1
IC15		HC10172090	HC10172090	IC	NJM2115MD-TE1 OP AMP	HVINJM2115MDTE1
IC16		HC10015880	HC10015880	IC	CS5361-KS A/D CONVERTER	HVICS5361-KS
IC17		HC007505K0	HC007505K0	IC	TC74VHCT08FT AND-GATE	HVITC74VHCT08FT
IC18		*HC108430R	*HC108430R	IC	TC74HC7007AFEL	HVITC74HCT7007F
IC19		HC10014880	HC10014880	IC	CS49400-CQ DECODER	HVICS49400-CQ
IC20		*HS27AWX0R	*HS27AWX0R	IC	MX29LV400TTC-70 4M FLASH	HVIMX29LV400TTC
IC21		HC007505K0	HC007505K0	IC	TC74VHCT08FT AND-GATE	HVITC74VHCT08FT
IC22		HC010505K0	HC010505K0	IC	TC74VHCT32AFT OR-GATE	HVITC74VHCT32FT
IC23		HC10012880	HC10012880	IC	CS4382-KQ D/A CONVERTER	HVICS4382-KQ
IC24		HC10102090	HC10102090	IC	NJM2068MD-TE1 OP AMP	HVINJM2068MDTE1
IC25		HC10102090	HC10102090	IC	NJM2068MD-TE1 OP AMP	HVINJM2068MDTE1
IC26		HC10102090	HC10102090	IC	NJM2068MD-TE1 OP AMP	HVINJM2068MDTE1
IC27		HC10102090	HC10102090	IC	NJM2068MD-TE1 OP AMP	HVINJM2068MDTE1
IC28		*HS27AWH0R	*HS27AWH0R	MICROPROCESSOR	HD64F2398F20 FLASH	HVIHD64F2398F20
IC29		HC10099540	HC10099540	IC	S-80145ALMC RESET	HVIS-80145ALMC
IC30		*HC108390R	*HC108390R	IC	AT24C08N10SC2.7	HVIAT24C08N10SC
IC31		HC36J25050	HC36J25050	IC	TA48025FTE16 REGULATOR	HVITA48033FTE16
IC32		HC36J25050	HC36J25050	IC	TA48025FTE16 REGULATOR	HVITA48025FTE16
JK11		*YJ002680R	*YJ002680R	OPT CONNECTOR	TORX179L	HJSTORX179L

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
JK12		*YJ002680R	*YJ002680R	OPT CONNECTOR	TORX179L	HJSTORX179L
JK14		*YT003190R	*YT003190R	JACK	CINCH 2P BLACK SILVER	CJJ4N064Z
JK15		*YT003170R	*YT003170R	JACK	CINCH 1P BLACK SILVER	CJJ4M048Z
JK16		*YJ002670R	*YJ002670R	OPT CONNECTOR	TOTX179L	HJSTOTX179L
JK17		*YT003120R	*YT003120R	JACK	CINCH 2P ORANGE SILVER	CJJ4N036Z
JK18		*YT003200R	*YT003200R	JACK	CINCH 6P BLACK SILVER	CJJ4R039Z
JK19		*YT003170R	*YT003170R	JACK	CINCH 1P BLACK SILVER	CJJ4M048Z
L101		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC10		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC11		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC12		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC13		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC14		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC15		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC16		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC17		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC18		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC19		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC21		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC22		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC23		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC24		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC25		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC26		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC27		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC28		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC29		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC30		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC31		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC32		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC33		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC34		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC35		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC36		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC37		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC38		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC39		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC40		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC41		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC42		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC43		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC44		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC45		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC46		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC47		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC48		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC49		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC50		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC51		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC52		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC53		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC54		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC55		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC56		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC57		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC58		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC59		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC60		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC61		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
LC62		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC63		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC64		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC65		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC66		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC67		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC68		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC69		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
LC70		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
Q001		*HX600010R	*HX600010R	CHIP TRS.	KRA102S	HVTKRA102S
Q101		*HX900010R	*HX900010R	CHIP TRS.	KTD1304 (MUTE)	HVTKTD1304T
Q102		*HX900010R	*HX900010R	CHIP TRS.	KTD1304 (MUTE)	HVTKTD1304T
Q103		*HX600010R	*HX600010R	CHIP TRS.	KRA102S	HVTKRA102S
Q105		*HX600010R	*HX600010R	CHIP TRS.	KRA102S	HVTKRA102S
Q106		*HX800010R	*HX800010R	CHIP TRS.	KRC102S	HVTKRC102S
QC10		*HX600010R	*HX600010R	CHIP TRS.	KRA102S	HVTKRA102S
QC11		*HX800010R	*HX800010R	CHIP TRS.	KRC102S	HVTKRC102S
QC12		*HX600010R	*HX600010R	CHIP TRS.	KRA102S	HVTKRA102S
R101		nsp	NN05100610	CHIP RES.	10Ω 1/10W J	HRJ10DJ100T
R102		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R103		nsp	NN05100610	CHIP RES.	10Ω 1/10W J	HRJ10DJ100T
R104		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R105		nsp	NN05100610	CHIP RES.	10Ω 1/10W J	HRJ10DJ100T
R106		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R107		nsp	NN05750610	CHIP RES.	75Ω 1/10W J	HRJ10DJ750T
R108		nsp	NN05102610	CHIP RES.	1kΩ 1/10W J	HRJ10DJ102T
R109		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R110		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R111		nsp	NN05750610	CHIP RES.	75Ω 1/10W J	HRJ10DJ750T
R112		nsp	NN05102610	CHIP RES.	1kΩ 1/10W J	HRJ10DJ102T
R113		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R114		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R115		nsp	NN05750610	CHIP RES.	75Ω 1/10W J	HRJ10DJ750T
R116		nsp	NN05102610	CHIP RES.	1kΩ 1/10W J	HRJ10DJ102T
R117		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R118		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R119		nsp	NN05750610	CHIP RES.	75Ω 1/10W J	HRJ10DJ750T
R120		nsp	NN05100610	CHIP RES.	10Ω 1/10W J	HRJ10DJ100T
R121		nsp	NN05750610	CHIP RES.	75Ω 1/10W J	HRJ10DJ750T
R122		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R123		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R124		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R125		nsp	NN05100610	CHIP RES.	10Ω 1/10W J	HRJ10DJ100T
R126		nsp	NN05100610	CHIP RES.	10Ω 1/10W J	HRJ10DJ100T
R127		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R128		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R129		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R130		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R131		nsp	NN05221610	CHIP RES.	220Ω 1/10W	HRJ10DJ221T
R132		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R133		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R134		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R135		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R136		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R137		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R138		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R139		nsp	NN05010610	CHIP RES.	1Ω 1608SIZE	HRJ10DJ1R0T
R140		nsp	NN05105610	CHIP RES.	1MΩ 1/10W	HRJ10DJ105T
R141		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R142		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R143		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R144		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R145		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R146		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
R147		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
R148		nsp	NN05682610	CHIP RES.	6.8kΩ 1608SIZE	HRJ10DJ682T
R149		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R150		nsp	NN05272610	CHIP RES.	2.7kΩ 1608SIZE	HRJ10DJ272T
R151		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R152		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R153		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
R154		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R155		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R156		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R157		nsp	NN05682610	CHIP RES.	6.8kΩ 1608SIZE	HRJ10DJ682T
R158		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R159		nsp	NN05272610	CHIP RES.	2.7kΩ 1608SIZE	HRJ10DJ272T
R160		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R161		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R162		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
R163		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
R164		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R165		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R166		nsp	NN05222610	CHIP RES.	2.2kΩ 1608SIZE	HRJ10DJ222T
R167		nsp	NN05222610	CHIP RES.	2.2kΩ 1608SIZE	HRJ10DJ222T
R168		nsp	NN05105610	CHIP RES.	1MΩ 1/10W	HRJ10DJ105T
R169		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R170		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
R171		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R172		nsp	NN05270610	CHIP RES.	27Ω 1/10W	HRJ10DJ270T
R173		nsp	NN05563610	CHIP RES.	56kΩ 1608SIZE	HRJ10DJ563T
R174		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R175		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R176		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R177		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R178		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R179		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R180		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R181		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R182		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R183		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R184		nsp	NN05152610	CHIP RES.	1.5kΩ 1/10W J	HRJ10DJ152T
R185		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R186		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R187		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R188		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R189		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
R190		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R191		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R192		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R193		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R194		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R195		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
R196		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R197		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R198		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R199		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R200		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R201		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R202		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R203		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R204		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R205		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R206		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
R207		nsp	NN05332610	CHIP RES.	3.3kΩ 1608SIZE	HRJ10DJ332T
R208		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R209		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R210		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R211		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R212		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R213		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R214		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R215		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R216		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R217		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R218		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R219		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R220		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R221		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R222		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R223		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R224		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R225		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R226		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R227		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R228		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R229		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R230		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R231		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R232		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R233		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R234		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R235		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R236		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R237		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R238		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R239		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R240		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
R241		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R242		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R243		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ330T
R244		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
R245		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
R246		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
R247		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R248		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R249		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R250		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R251		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R252		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R253		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R254		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R255		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R256		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R257		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R258		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R259		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R260		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R261		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R262		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R263		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R264		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R265		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R266		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R267		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R268		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R269		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R270		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R271		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R272		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R273		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R274		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R275		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R276		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R277		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R278		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R279		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R280		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R281		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R282		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R283		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R284		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R285		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R286		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R287		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R288		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R289		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R290		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R291		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R292		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R293		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R294		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R295		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R296		nsp	NN05392610	CHIP RES.	3.9kΩ 1608SIZE	HRJ10DJ392T
R297		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R298		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R299		nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
R300		nsp	NN05182610	CHIP RES.	1.8kΩ 1608SIZE	HRJ10DJ182T
R301		nsp	NN05101610	CHIP RES.	100Ω 1/10W J	HRJ10DJ101T
R302		nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
R303		nsp	NN05470610	CHIP RES.	47Ω 1/10W	HRJ10DJ470T
R304		nsp	NN05221610	CHIP RES.	220Ω 1/10W	HRJ10DJ221T
R305		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
R306		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
R307		nsp	NN05152610	CHIP RES.	1.5kΩ 1/10W J	HRJ10DJ152T
RC01		nsp	NN05330610	CHIP RES.	33Ω 1/10W J	HRJ10DJ331T
RC11		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
RC12		nsp	NN05562610	CHIP RES.	5.6kΩ 1608SIZE	HRJ10DJ562T
RC13		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
RC14		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC15		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC16		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC17		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC18		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC19		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC20		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
RC21		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC22		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC23		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC24		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC25		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC26		nsp	NN05010610	CHIP RES.	1Ω 1608SIZE	HRJ10DJ1R0T
RC27		nsp	NN05105610	CHIP RES.	1MΩ 1/10W	HRJ10DJ105T
RC30		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
RC31		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
RC32		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
RC33		nsp	NN05472610	CHIP RES.	4.7kΩ 1/10W J	HRJ10DJ472T
RC34		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC35		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC36	/F	nsp	NN05104610	CHIP RES.	100kΩ 1608SIZE	HRJ10DJ104T
RC36	/N	nsp	NN05273610	CHIP RES.	27kΩ 1608SIZE	HRJ10DJ273T
RC36	/U	nsp	NN05390610	CHIP RES.	39Ω 1/10W J	HRJ10DJ393T
RC36	/K	nsp	NN05822610	CHIP RES.	8.2kΩ 1608SIZE	HRJ10DJ822T
RC37	/U	nsp	NN05563610	CHIP RES.	56kΩ 1608SIZE	HRJ10DJ563T
RC37	/N	nsp	NN05683610	CHIP RES.	68kΩ 1/10W	HRJ10DJ683T
RC37	/K	nsp	NN05832610	CHIP RES.	82kΩ 1608SIZE	HRJ10DJ823T
RC38		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
RC39		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
RC40		nsp	NN05102610	CHIP RES.	1kΩ 1/10W J	HRJ10DJ102T
RC41		nsp	NN05103610	CHIP RES.	10kΩ 1608SIZE	HRJ10DJ103T
RC42		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC43		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC44		nsp	NN05102610	CHIP RES.	1kΩ 1/10W J	HRJ10DJ102T
RC45		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC46		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC47		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC48		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC49		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC50		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC51		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC52		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC53		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC54		nsp	NN05000610	CHIP RES.	0Ω 1/10W J	HRJ10DJ0R0T
RC55		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
RC56		nsp	NN05223610	CHIP RES.	22kΩ 1608SIZE	HRJ10DJ223T
RC59		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC60		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC61		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC62		nsp	NN05473610	CHIP RES.	47kΩ 1/10W J	HRJ10DJ473T
RC63		nsp	NN05683610	CHIP RES.	68kΩ 1/10W	HRJ10DJ683T
RC64		nsp	NN05222610	CHIP RES.	2.2kΩ 1608SIZE	HRJ10DJ222T
TE01		nsp	nsp	TERMINAL		CNE75
TE02		nsp	nsp	TERMINAL		CNE75
X101		*JX001070R	*JX001070R	CRYSTAL	12.288MHz	HOX12288E320C
XC11		*JX001100R	*JX001100R	CRYSTAL	20MHZ	HOX20000E220C
					AMP PCB (CUP11591Z)	
C303		nsp	nsp	CER. CAP.	330pF 50V KB	CCKT1H331KB
C304		nsp	nsp	CER. CAP.	330pF 50V KB	CCKT1H331KB
C401		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C402		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C403		nsp	nsp	CER. CAP.	330pF 50V KB	CCKT1H331KB
C404		nsp	nsp	CER. CAP.	330pF 50V KB	CCKT1H331KB
C405		nsp	nsp	CER. CAP.	10pF 50V DC	CCCT1H100DC
C406		nsp	nsp	CER. CAP.	10pF 50V DC	CCCT1H100DC

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C407		*OF100350R	*OF100350R	FILM CAP	2200pF 50V J	HCQI1H222JZT
C408		*OF100350R	*OF100350R	FILM CAP	2200pF 50V J	HCQI1H222JZT
C409		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C410		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C411		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C412		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C413		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C414		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C419		nsp	OA10705020	ELECT. CAP.	100µF 50V	HCEA1HH101T
C420		nsp	OA10705020	ELECT. CAP.	100µF 50V	HCEA1HH101T
C421		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C422		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C501		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C502		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C503		nsp	nsp	CER. CAP.	330pF 50V KB	CCKT1H331KB
C504		nsp	nsp	CER. CAP.	330pF 50V KB	CCKT1H331KB
C505		nsp	nsp	CER. CAP.	10pF 50V DC	CCCT1H100DC
C506		nsp	nsp	CER. CAP.	10pF 50V DC	CCCT1H100DC
C507		*OF100350R	*OF100350R	FILM CAP	2200pF 50V J	HCQI1H222JZT
C508		*OF100350R	*OF100350R	FILM CAP	2200pF 50V J	HCQI1H222JZT
C509		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C510		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C511		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C512		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C513		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C514		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C519		nsp	OA10705020	ELECT. CAP.	100µF 50V	HCEA1HH101T
C520		nsp	OA10705020	ELECT. CAP.	100µF 50V	HCEA1HH101T
C521		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C522		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C601		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C602		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C605		nsp	nsp	CER. CAP.	10pF 50V DC	CCCT1H100DC
C606		nsp	nsp	CER. CAP.	10pF 50V DC	CCCT1H100DC
C607		*OF100350R	*OF100350R	FILM CAP	2200pF 50V J	HCQI1H222JZT
C608		*OF100350R	*OF100350R	FILM CAP	2200pF 50V J	HCQI1H222JZT
C609		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C610		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C611		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C612		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C613		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C614		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C619		nsp	OA10705020	ELECT. CAP.	100µF 50V	HCEA1HH101T
C620		nsp	OA10705020	ELECT. CAP.	100µF 50V	HCEA1HH101T
C621		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C622		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C701		nsp	OA47505020	ELECT. CAP.	4.7µF 50V	HCEA1HH4R7T
C702		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C703		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C704		nsp	OA47605020	ELECT. CAP.	47µF 50V	HCEA1HH470T
C705		nsp	OA47405020	ELECT. CAP.	0.47µF 50V	HCEA1HHR47T
C707		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C708		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C709		nsp	nsp	CER. CAP.	4700pF 50V ZF	CCKT1H472ZF
C710		nsp	nsp	FILM CAP	0.1µF 50V J	HCQI1H104JZT
C711		nsp	nsp	FILM CAP	0.1µF 50V J	HCQI1H104JZT
CN42		nsp	nsp	JACK	MOLEX 5267-02A	KJP02GA01ZM
CN43		nsp	nsp	JACK	MOLEX 5267-02A	KJP02GA01ZM
CN44		nsp	nsp	JACK	MOLEX 5267-02A	KJP02GA01ZM

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
CN45		nsp	nsp	JACK	MOLEX 5267-02A	KJP02GA01ZM
CN46		nsp	nsp	JACK	MOLEX 5267-02A	KJP02GA01ZM
CN47		nsp	nsp	JACK	MOLEX 5267-02A	KJP02GA01ZM
CN73		nsp	nsp	JACK	A3963WV2-6P	CJP06GA148ZW
D401		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D402		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D403		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D404		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D405		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D406		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D407		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D408		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D409		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D410		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D411		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D412		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D413		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D414		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D415		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D416		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D501		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D502		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D503		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D504		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D505		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D506		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D507		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D508		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D509		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D510		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D511		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D512		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D513		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D514		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D515		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D516		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D601		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D602		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D603		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D604		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D605		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D606		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D607		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D608		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D609		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D610		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D611		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D612		*HD302180R	*HD302180R	ZENER DIODE	MTZJ3.9B	HVDMTZJ3.9BT
D613		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D614		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D615		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D616		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
⚠ D701		*HE200250R	*HE200250R	BRIDGE DIOCE	GBJ1504	BVDGBJ1504
IC41		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC51		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC61		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC71		HC10042050	HC10042050	IC	TA7317P PROTECTOR HK	HVITA7317P
Q114		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q207		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
Q208		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q213		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q214		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q403		*HT600010R	*HT600010R	TRS.	KTA1266Y	HVTKTA1266YT
Q404		*HT600010R	*HT600010R	TRS.	KTA1266Y	HVTKTA1266YT
Q405		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q406		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q407		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q408		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q409		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q410		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q411		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q412		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q413		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q415		*HT600030R	*HT600030R	TRS.	KTA1024Y	HVTKTA1024YT
Q416		*HT600030R	*HT600030R	TRS.	KTA1024Y	HVTKTA1024YT
Q417		*HT800090R	*HT800090R	TRS.	KTC3206YA	HVTKTC3206YAT
Q418		*HT800090R	*HT800090R	TRS.	KTC3206YA	HVTKTC3206YAT
⚠ Q419		HC20002080	HC20002080	IC	SAP17NLFNO.552 POWER	BVISAP17N
⚠ Q420		HC20002080	HC20002080	IC	SAP17NLFNO.552 POWER	BVISAP17N
⚠ Q421		HC20001080	HC20001080	IC	SAP17PLFNO.552 POWER	BVISAP17P
⚠ Q422		HC20001080	HC20001080	IC	SAP17PLFNO.552 POWER	BVISAP17P
Q423		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q424		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q503		*HT600010R	*HT600010R	TRS.	KTA1266Y	HVTKTA1266YT
Q504		*HT600010R	*HT600010R	TRS.	KTA1266Y	HVTKTA1266YT
Q505		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q506		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q509		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q510		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q511		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q512		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q515		*HT600030R	*HT600030R	TRS.	KTA1024Y	HVTKTA1024YT
Q516		*HT600030R	*HT600030R	TRS.	KTA1024Y	HVTKTA1024YT
Q517		*HT800090R	*HT800090R	TRS.	KTC3206YA	HVTKTC3206YAT
Q518		*HT800090R	*HT800090R	TRS.	KTC3206YA	HVTKTC3206YAT
⚠ Q519		HC20002080	HC20002080	IC	SAP17NLFNO.552 POWER	BVISAP17N
⚠ Q520		HC20002080	HC20002080	IC	SAP17NLFNO.552 POWER	BVISAP17N
⚠ Q521		HC20001080	HC20001080	IC	SAP17PLFNO.552 POWER	BVISAP17P
⚠ Q522		HC20001080	HC20001080	IC	SAP17PLFNO.552 POWER	BVISAP17P
Q523		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q524		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q603		*HT600010R	*HT600010R	TRS.	KTA1266Y	HVTKTA1266YT
Q604		*HT600010R	*HT600010R	TRS.	KTA1266Y	HVTKTA1266YT
Q605		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q606		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q607		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q608		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q609		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q610		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q611		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q612		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q613		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q614		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q615		*HT600030R	*HT600030R	TRS.	KTA1024Y	HVTKTA1024YT
Q616		*HT600030R	*HT600030R	TRS.	KTA1024Y	HVTKTA1024YT
Q617		*HT800090R	*HT800090R	TRS.	KTC3206YA	HVTKTC3206YAT
Q618		*HT800090R	*HT800090R	TRS.	KTC3206YA	HVTKTC3206YAT
⚠ Q619		HC20002080	HC20002080	IC	SAP17NLFNO.552 POWER	BVISAP17N

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
⚠ Q620		HC20002080	HC20002080	IC	SAP17NLFNO.552 POWER	BVISAP17N
⚠ Q621		HC20001080	HC20001080	IC	SAP17PLFNO.552 POWER	BVISAP17P
⚠ Q622		HC20001080	HC20001080	IC	SAP17PLFNO.552 POWER	BVISAP17P
Q623		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q624		*HT800060R	*HT800060R	TRS.	KTC3200GR	HVTKTC3200GRT
Q701		*HT600020R	*HT600020R	TRS.	KTA1268GR	HVTKTA1268GRT
Q703		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q704		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
R205		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R206		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R401		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R402		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R403		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R404		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R405		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R406		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R407		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R408		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R409		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R410		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R411		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R412		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R413		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R414		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R415		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R416		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R417		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R418		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R419		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R420		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R421		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R422		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R423		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R424		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R425		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R426		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R427		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R428		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R429		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R430		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R431		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R432		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R433		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R434		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R435		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R436		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R439		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R440		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R441		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R442		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R443		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R444		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R445		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R446		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R449		nsp	nsp	RES.	15Ω 1/6W J	CRD20TJ150T
R450		nsp	nsp	RES.	15Ω 1/6W J	CRD20TJ150T
R451		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R452		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R453		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R454		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R455		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R456		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R457		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R458		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R459		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R460		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R461		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R462		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R463		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R464		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R465		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R466		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R467		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R468		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R469		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R470		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R501		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R502		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R503		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R504		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R507		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R508		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R509		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R510		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R511		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R512		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R513		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R514		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R515		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R516		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R517		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R518		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R519		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R520		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R521		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R522		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R523		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R524		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R525		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R526		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R527		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R528		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R529		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R530		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R531		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R532		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R533		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R534		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R535		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R536		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R539		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R540		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R541		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R542		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R543		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R544		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R545		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R546		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R549		nsp	nsp	RES.	15Ω 1/6W J	CRD20TJ150T
R550		nsp	nsp	RES.	15Ω 1/6W J	CRD20TJ150T
R551		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R552		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R553		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R554		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R555		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R556		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R557		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R558		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R559		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R560		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R561		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R562		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R563		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R564		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R565		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R566		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R567		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R568		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R569		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R570		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R601		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R602		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R603		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R604		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R605		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R606		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R607		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R608		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R609		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R610		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R611		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R612		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R613		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R614		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R615		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R616		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R617		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R618		nsp	nsp	RES.	68Ω 1/6W J	CRD20TJ680T
R619		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R620		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R621		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R622		nsp	nsp	RES.	150Ω 1/6W J	CRD20TJ151T
R623		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R624		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R625		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R626		nsp	nsp	RES.	330kΩ 1/6W J	CRD20TJ334T
R627		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R628		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R629		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R630		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R631		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R632		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R633		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R634		nsp	nsp	RES.	10Ω 1/4W J	CRD25TJ100T
R635		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R636		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R639		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R640		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R641		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R642		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R643		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R644		nsp	nsp	RES.	120Ω 1W J METAL OXIDE FILM	KRG1SANJ121RT
R645		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R646		nsp	nsp	RES.	47Ω 1W J METAL OXIDE FILM	KRG1SANJ470RT
R649		nsp	nsp	RES.	15Ω 1/6W J	CRD20TJ150T
R650		nsp	nsp	RES.	15Ω 1/6W J	CRD20TJ150T
R651		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R652		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R653		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R654		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R655		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R656		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R657		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R658		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R659		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R660		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R661		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R662		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R663		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R664		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R665		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R666		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R667		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R668		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R669		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R670		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R701		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R702		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R703		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R704		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R705		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R706		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R707		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R708		nsp	nsp	RES.	100kΩ 1/6W J	CRD20TJ104T
R709		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R710		nsp	nsp	RES.	100kΩ 1/6W J	CRD20TJ104T
R711		nsp	nsp	RES.	3.3kΩ 1/6W J	CRD20TJ332T
R712		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R713		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R714		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R715		nsp	nsp	RES.	3.3kΩ 1/6W J	CRD20TJ332T
R716		nsp	nsp	RES.	6.8kΩ 1/6W J	CRD20TJ682T
R717		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R718		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R720		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R721		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R722		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R723		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
TH71		HP00029230	HP00029230	POSISTOR	PTFM04BD222Q2N34B0	BRTPTFM04BD222Q
VR41		nsp	nsp	RES.	220Ω	HVN1RE221B01T
VR42		nsp	nsp	RES.	220Ω	HVN1RE221B01T
VR51		nsp	nsp	RES.	220Ω	HVN1RE221B01T
VR52		nsp	nsp	RES.	220Ω	HVN1RE221B01T
VR61		nsp	nsp	RES.	220Ω	HVN1RE221B01T
VR62		nsp	nsp	RES.	220Ω	HVN1RE221B01T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
					COMPONENT PCB (CUP11595)	
BK11		nsp	nsp	BRACKET		CMD1A387
BK12		nsp	nsp	BRACKET		CMD1A387
C101		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C103		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C105		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C107		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C109		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C111		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C113		nsp	OA47701020	ELECT. CAP.	470µF 10V	HCEA1AH471T
C115		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C117		nsp	OA47701020	ELECT. CAP.	470µF 10V	HCEA1AH471T
C119		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C120		nsp	OA47701020	ELECT. CAP.	470µF 10V	HCEA1AH471T
C121		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C122		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C123		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C124		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C125		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C126		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C127		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C128		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C129		nsp	OA47601640	ELECT. CAP.	47µF 16V	HCEA1CH470T
C130		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C131		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C132		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C133		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C134		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C135		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C136		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C137		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C138		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C139		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
C140		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C141		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
IC11		HC10230090	HC10230090	IC	NJM2584D VIDEO	HVINJM2584D
IC12		HC10230090	HC10230090	IC	NJM2581D VIDEO S/W	HVINJM2581D
JK11		*YT003210R	*YT003210R	JACK	CINCH 3P G/B/R SILVER	CJJ4S030Z
JK12		*YT003210R	*YT003210R	JACK	CINCH 3P G/B/R SILVER	CJJ4S030Z
JK13		*YT003210R	*YT003210R	JACK	CINCH 3P G/B/R SILVER	CJJ4S030Z
R101		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R102		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R103		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R104		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R105		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R106		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R107		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R108		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R109		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R110		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R111		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
					FRONT PCB (CUP11590-1)	
C801		nsp	OA10701020	ELECT. CAP.	100µF 10V	HCEA1AH101T
C802		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
C804		nsp	nsp	CER. CAP.	0.01µF 50V Z	HCBS1H103ZFT
C805		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C806		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C807		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C809		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C810		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C811		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C812		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C813		nsp	OA47601050	ELECT. CAP.	47µF 10V	HCEA1AH470T
C814		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C815		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C816		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C817		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C818		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C820		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C821		nsp	OA10605020	ELECT. CAP.	10µF 50V KS	HCEA1HKS100T
C822		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C824		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C825		nsp	nsp	CER. CAP.	390pF 50V B	HCBS1H391KBT
C826		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C827		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C828		nsp	OA10701020	ELECT. CAP.	100µF 10V	HCEA1AKS101T
C829		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
C830		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
C831		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
C832		nsp	OA10601620	ELECT. CAP.	10µF 16V	HCEA1CH100T
C833		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C834		nsp	nsp	CER. CAP.	47pF 50V J	HCBS1H470JT
C835		nsp	nsp	CER. CAP.	47pF 50V J	HCBS1H470JT
C836		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C837		nsp	nsp	CER. CAP.	1000pF 50V B	HCBS1H102KBT
C838		nsp	nsp	CER. CAP.	1000pF 50V B	HCBS1H102KBT
C840		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
CN81		nsp	nsp	PIN HEADER		KJP07GB145ZP
CN83		nsp	nsp	JACK FFC	15P 1M/M S/T	KJP15GA117ZG
EN81		*SR000240R	*SR000240R	ROTARY SWITCH	EC16B243040HB	HSR2A004Z
FIP1		*HQ300620R	*HQ300620R	DISPLAY UNIT	16-BT-110GNK	HFL16BT110GNK
IC81		HC10220090	HC10220090	IC	NJU3430F VFD DRIVER	HVINJU3430F
IC83		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC84		*HC108410R	*HC108410R	IC	S-80842CNY-X RESET	HVIS-80842CNY-X
⚠ IC85		*HC300500R	*HC300500R	IC	KA7805-ABTU REGULATOR	HVIMC7805C
JK83		*YT003240R	*YT003240R	JACK	S-TERMINAL 1P	CJJ9M004Z
JK84		*YT003220R	*YT003220R	JACK	CINCH 3P ADVR-7100 AUDIO VIDEO	CJJ4S028Z
Q801		BA10004000	BA10004000	TRS.	KRA111M	HVTKRA111MT
Q803		HT30001000	HT30001000	TRS.	KTC3199YT	HVTKTC3199YT
R802		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R803		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R805		nsp	nsp	RES.	47Ω 1/6W J	CRD20TJ470T
R806		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R807		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R808		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R809		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R810		nsp	nsp	RES.	5.6kΩ 1/6W J	CRD20TJ562T
R811		nsp	nsp	RES.	2.7kΩ 1/6W J	CRD20TJ272T
R812		nsp	nsp	RES.	2.2kΩ 1/6W J	CRD20TJ222T
R813		nsp	nsp	RES.	1.5kΩ 1/6W J	CRD20TJ152T
R814		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R815		nsp	nsp	RES.	820Ω 1/6W J	CRD20TJ821T
R816		nsp	nsp	RES.	560Ω 1/6W J	CRD20TJ561T
R817		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R818		nsp	nsp	RES.	5.6kΩ 1/6W J	CRD20TJ562T
R819		nsp	nsp	RES.	2.7kΩ 1/6W J	CRD20TJ272T
R820		nsp	nsp	RES.	2.2kΩ 1/6W J	CRD20TJ222T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R821		nsp	nsp	RES.	1.5kΩ 1/6W J	CRD20TJ152T
R822		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R823		nsp	nsp	RES.	820Ω 1/6W J	CRD20TJ821T
R824		nsp	nsp	RES.	560Ω 1/6W J	CRD20TJ561T
R825		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R826		nsp	nsp	RES.	5.6kΩ 1/6W J	CRD20TJ562T
R827		nsp	nsp	RES.	2.7kΩ 1/6W J	CRD20TJ272T
R828		nsp	nsp	RES.	2.2kΩ 1/6W J	CRD20TJ222T
R829		nsp	nsp	RES.	1.5kΩ 1/6W J	CRD20TJ152T
R830		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R831		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R833		nsp	nsp	RES.	68kΩ 1/6W J	CRD20TJ683T
R834		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R835		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R836		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R837		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R838		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R839		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R840		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R841		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R842		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R843		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R844		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R845		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R901		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R902		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R903		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R904		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R905		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R906		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R907		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R908		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R909		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R910		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R911		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R912		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R913		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R914		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R915		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R916		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R917		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R918		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R919		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R920		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R921		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R922		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R923		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R924		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R925		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R926		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R927		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R928		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R929		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R930		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R931		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R932		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R933		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R934		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R935		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R936		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R937		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R938		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R939		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R940		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R941		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R942		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R943		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R944		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R945		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R946		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R947		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R948		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R949		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R950		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R951		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R952		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R953		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
RC81		*HW100650R	*HW100650R	PHOTO UNIT	RPM6936-H4	HRVRPM6936H4
SW71		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW72		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW73		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW74		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW75		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW77		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW78		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW79		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW80		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW81		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW82		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW83		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW84		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW85		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW86		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW87		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW88		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW89		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW90		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW91		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW92		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW93		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
		nsp	nsp	BRACKET	FOR DISPLAY UNIT	CMD1A374
		nsp	nsp	TERMINAL		CMC1A111
					H/P PCB (CUP11590-4)	
C874		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C875		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C876		nsp	nsp	CER. CAP.	0.1μF 50V Z	HCBS1H104ZFT
JK81		*YT003160R	*YT003160R	JACK	HEAD PHONE	CJJ2E020Z
R846		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R847		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
					PUSH S/W PCB (CUP11590-5)	
⚠ C877	/F/K/N	*DK100800R	*DK100800R	CER. CAP.	DKS471ME (KH TYPE)	KCKDKS471ME
CN88	/F/K/N	YP04000760	YP04000760	JACK	MOLEX35328-02	KJP02GA89ZM
⚠ SW97	/F/K/N	*SP000850R	*SP000850R	SWITCH	JPP1197CSA64 PUSH	KSH1A001ZV
					ST-BY PCB (CUP11590-3)	
BK81		nsp	nsp	BRACKET		CMD1A387

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
BK82		nsp	nsp	BRACKET		CMD1A387
C881		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C882		nsp	OA47505020	ELECT. CAP.	4.7µF 50V	HCEA1HH4R7T
C883		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C884		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C885		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C886		nsp	OA33802520	ELECT. CAP.	3300µF 25V	HCEA1EH332E
C887		nsp	nsp	CER. CAP.	1000pF 50V B	HCBS1H102KBT
⚠ C888		*DK100810R	*DK100810R	CER. CAP.	DE1610-610F103M JP (KH TYPE)	BCKWKH103MF
CN90		nsp	nsp	CONNECTOR		KJP05GB99ZM
CN91	/F/K/N	YP04000760	YP04000760	JACK	MOLEX35328-02	KJP02GA89ZM
CN92	/F/K/U	nsp	YP04000760	JACK	7.92MM(YUNHO)	KJP02KA060ZY
CN92	/N	YP04000760	YP04000760	JACK	MOLEX35328-02	KJP02GA89ZM
CN93		YP04000760	YP04000760	JACK	MOLEX35328-02	KJP02GA89ZM
D802		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D803		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
D804		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D805		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
D806		HD30821000	HD30821000	ZENER DIODE	8.2V 1/2W	HVDMTZJ8.2BT
D807		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D808		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D809		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D810		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D811		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D812		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D813		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
⚠ F801	/F/U	nsp	*FS001080R	FUSE	10A/250V	KBA2C1002TLEY
⚠ F801	/K/N	*FS001090R	*FS001090R	FUSE	5A/250V(EUR) T5AL	KBA2C5000TLEY
F801		nsp	nsp	FUSE HOLDER		KJCFC5S
⚠ F802	/F/N/U	*FS001070R	*FS001070R	FUSE	AC250V T2.5AL	KBA2D2500TLET
⚠ F803	/F/U	nsp	*FS001070R	FUSE	AC250V T2.5AL	KBA2D2500TLET
⚠ JK85	/F/U	nsp	*YT002410R	OUTLET	A204D0041P AC(UL/2P/SEP)	KJJ7A015Z
⚠ JK86	/N	*YT002430R	*YT002430R	OUTLET	A302D0061P AC(EUR/1P)	KJJ7A022Z
⚠ L801		LY10090010	LY10090010	RELAY	SDT-S-109DMR	HSL1D016ZE
Q804		BA20004000	BA20004000	TRS.	KRC111M	HVTKRC111MT
Q805		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
R881		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R882		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R883		nsp	nsp	RES.	2.2kΩ 1/6W J	CRD20TJ222T
R885		nsp	nsp	RES.	1Ω 1/6W J	CRD20TJ1R0T
⚠ R886	/U	nsp	*GG000010R	RES.	3.3MΩ 1/2W	BRDERC12UGK335T
R887		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R888		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
⚠ T801	/F	nsp	*TS001960R	TRANSF.	SUB PS5400(6400)/F1	CLT5I002ZJ
⚠ T801	/K	nsp	*TS001950R	TRANSF.	SUB SR5400(6400)/K1	CLT5I002ZH
⚠ T801	/N	*TS001940R	*TS001940R	TRANSF.	SUB SR5400(6400)/N1	CLT5I002ZE
⚠ T801	/U	nsp	*TS001970R	TRANSF.	SUB SR5400(6400)/U1	CLT5I002ZU
					ENCODER PCB (CUP11590-2)	
C841		nsp	nsp	CER. CAP.	0.1µF 50V Z	HCBS1H104ZFT
C871		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C872		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
C873		nsp	nsp	CER. CAP.	100pF 50V K	HCBS1H101KBT
CN86		nsp	nsp	SOCKET	DIP SOCKET	KJP07GB144ZP
D801		*HI101040R	*HI101040R	L.E.D.	SLR342VCTB7T089 RED	HVD342VCTB7T089
EN82		*SR000180R	*SR000180R	ROTARY SWITCH	EC16B12S00D4ZZZ	HSR2A019Z
Q802		BA10004000	BA10004000	TRS.	KRA111M	HVTKRA111MT
R871		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R872		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R873		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R874		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R875		nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R876		nsp	nsp	RES.	820Ω 1/6W J	CRD20TJ821T
R877		nsp	nsp	RES.	560Ω 1/6W J	CRD20TJ561T
R878	/F/K/N	nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
R878	/U	nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R879	/F/K/N	nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R879	/U	nsp	nsp	RES.	680Ω 1/6W J	CRD20TJ681T
SW94		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW95		*SP001210R	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
SW96	/U	nsp	*SP001210R	SWITCH	SKHV10910G TACT	CST1A012ZT
					CNT PCB (CUP11592-2)	
BN31		nsp	nsp	CONNECTOR	MOLEX35237-0710	KJP07GB99ZM
CN33		nsp	nsp	JACK	MOLEX35336-0710	KJP07GA98ZM
					INPUT PCB (CUP11592-1)	
C201		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C202		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C203		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C204		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C205		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C206		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C207		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C208		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C209		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C210		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C211		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C212		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C213		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C214		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C215		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C216		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C217		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C218		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C219		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C220		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C221		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C222		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C223		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C224		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C225		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C226		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C227		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C228		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C229		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C230		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C231		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C232		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C233		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C234		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C235		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C236		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C237		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C238		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C239		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C240		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C241		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C242		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C243		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C244		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C245		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C246		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C247		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C248		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C249		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C250		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C251		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C252		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C254		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C256		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C258		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C260		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C262		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C264		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C266		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C267		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C268		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C269		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C270		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C271		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C272		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C273		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C274		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C275		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C276		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C281		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C282		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C283		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C284		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C285		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C286		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C287		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C288		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C289		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C290		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C291		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C292		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C293		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C294		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C295		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C296		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C297		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C298		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C299		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C300		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C301		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C302		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C303		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C304		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C305		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C306		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C307		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C308		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C309		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C310		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C311		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C312		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C313		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C314		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C315		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C316		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C317		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C318		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C319		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C320		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C321		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C322		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C323		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C324		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C325		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C326		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C327		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C328		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C329		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C330		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C331		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C332		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C333		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C334		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C335		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C336		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C337		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C338		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C339		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C340		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C341		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C342		nsp	OA22605020	ELECT. CAP.	22µF 50V	HCEA1HH220T
C343		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C344		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C345		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C346		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C347		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C348		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C349		nsp	OA47602520	ELECT. CAP.	47µF 25V	HCEA1EH470T
C350		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C351		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C352		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C353		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C354		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C355		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C356		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C357		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C358		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C359		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C360		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C361		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C362		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C363		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C364		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C365		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C366		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C367		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C368		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C369		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C370		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C371		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
C372		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
C373		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
C374		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C375		nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C376	/K/N/U	nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C377	/K/N/U	nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C378	/K/N/U	nsp	OA47602520	ELECT. CAP.	47μF 25V	HCEA1EH470T
C379	/K/N/U	nsp	OA47602520	ELECT. CAP.	47μF 25V	HCEA1EH470T
C382	/K/N/U	nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C383	/K/N/U	nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C386		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C387		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C388		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C389		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C390		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C393		nsp	nsp	CER. CAP.	0.1μF 50V	CCKT1H104ZF
C394		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
C395		nsp	nsp	CER. CAP.	0.1μF 50V	CCKT1H104ZF
C396		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
CN11		nsp	nsp	JACK	MOLEX53014-0710	KJP07GA19ZM
CN21		nsp	nsp	JACK	MOLEX53014-0510	KJP05GA19ZM
CN23		nsp	nsp	JACK	MOLEX 5267-06A	KJP06GA01ZM
CN24		nsp	nsp	JACK	MOLEX53014-0610	KJP06GA19ZM
CN25		nsp	nsp	JACK FFC	C.CABLE	KJP19GA117ZG
CN27		nsp	nsp	JACK FFC	GF120-15S-TS	KJP15GA115ZG
CN31		nsp	nsp	JACK	MOLEX35336-0710	KJP07GA98ZM
D203		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D204		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D205		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D206		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D207		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D208		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D209		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D210		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D211		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D212		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D213		nsp	*HD201730R	DIODE	1N4003	KVD1N4003ST
D214		nsp	*HD201730R	DIODE	1N4003	KVD1N4003ST
ET21		nsp	nsp	TERMINAL		CNE75
ET22		nsp	nsp	TERMINAL		CNE75
IC21		HC10470050	HC10470050	IC	TC9164AN FUNCTION	HVITC9164AN
IC22		HC10468050	HC10468050	IC	TC9273N FUNCTION	HVITC9273N
IC23		HC10469050	HC10469050	IC	TC9162AN FUNCTION	HVITC9162AN
IC24		HC10467050	HC10467050	IC	TC9499N VOLUME	HVITC9499N
IC25		HC10467050	HC10467050	IC	TC9499N VOLUME	HVITC9499N
IC26		*HC300550R	*HC300550R	IC	KA7806 REGULATOR	HVIMC7806
IC27		*HC300540R	*HC300540R	IC	KA7906 REGULATOR	HVIKA7906
IC28		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC29		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC30		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC31		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC32		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC33		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC34		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC35		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC36		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC37		HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD
IC38	/K/N/U	HC10053090	HC10053090	IC	NJM2068DD OP AMP	HVINJM2068DD

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
JK21		*YT002960R	*YT002960R	JACK	CINCH 6P AUDIO	CJJ4R019Z
JK22		*YT002960R	*YT002960R	JACK	CINCH 6P AUDIO	CJJ4R019Z
JK23		*YT002960R	*YT002960R	JACK	CINCH 6P AUDIO	CJJ4R019Z
JK24		*YT003230R	*YT003230R	JACK	CINCH 4P AUDIO	CJJ4P014Y
JK25		*YT003200R	*YT003200R	JACK	CINCH 6P BLACK SILVER	CJJ4R039Z
JK26		*YT003170R	*YT003170R	JACK	CINCH 1P BLACK SILVER	CJJ4M048Z
Q201		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q202		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q203		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q204		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q205		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q206		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q207		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q208		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q209		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q210		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q211		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q212		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q213		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q214		HT805501B0	HT805501B0	TRS.	KTC2874B	HVTKTC2874BT
Q215		BA10002000	BA10002000	TRS.	KRA104M	HVTKRA104MT
Q216		BA10002000	BA10002000	TRS.	KRA104M	HVTKRA104MT
Q217		BA10002000	BA10002000	TRS.	KRA104M	HVTKRA104MT
Q218		BA10002000	BA10002000	TRS.	KRA104M	HVTKRA104MT
Q219		BA10002000	BA10002000	TRS.	KRA104M	HVTKRA104MT
Q220		BA10002000	BA10002000	TRS.	KRA104M	HVTKRA104MT
Q221		BA20002000	BA20002000	TRS.	KRC104M	HVTKRC104MT
Q222		BA20002000	BA20002000	TRS.	KRC104M	HVTKRC104MT
Q223		BA20002000	BA20002000	TRS.	KRC104M	HVTKRC104MT
Q224		BA20002000	BA20002000	TRS.	KRC104M	HVTKRC104MT
Q225		BA20002000	BA20002000	TRS.	KRC104M	HVTKRC104MT
Q226		BA20002000	BA20002000	TRS.	KRC104M	HVTKRC104MT
R201		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R202		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R203		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R204		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R205		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R206		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R207		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R208		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R209		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R210		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R211		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R212		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R213		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R214		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R215		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R216		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R217		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R218		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R219		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R220		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R221		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R222		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R223		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R224		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R225		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R226		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R227		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R228		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R229		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R230		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R231		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R232		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R233		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R234		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R235		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R236		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R237		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R238		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R239		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R240		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R241		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R242		nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R243		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R244		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R245		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R246		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R247		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R248		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R249		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R250		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R251		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R252		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R253		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R254		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R255		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R256		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R257		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R258		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R266		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R267		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R268		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R269		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R270		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R271		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R272		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R273		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R274		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R275		nsp	nsp	RES.	220kΩ 1/6W J	CRD20TJ224T
R276		nsp	nsp	RES.	220kΩ 1/6W J	CRD20TJ224T
R277		nsp	nsp	RES.	220kΩ 1/6W J	CRD20TJ224T
R278		nsp	nsp	RES.	220kΩ 1/6W J	CRD20TJ224T
R279		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R280		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R281		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R282		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R283		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R284		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R285		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R286		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R287		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R288		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R289		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R290		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R291		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R292		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R293		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R294		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R295		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R296		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R297		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R298		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R299		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R300		nsp	nsp	RES.	8.2kΩ 1/6W J	CRD20TJ822T
R301		nsp	nsp	RES.	8.2kΩ 1/6W J	CRD20TJ822T
R302		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R303		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R304		nsp	nsp	RES.	8.2kΩ 1/6W J	CRD20TJ822T
R305		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R306		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R314		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R315		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R316		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R317		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R318		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R319		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R320		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R321		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R322		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R323		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R324		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R325		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R326		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R327		nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R328		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R329		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R330		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R331		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R332		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R333		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R334		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R335		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R336		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R337		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R338		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R339		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R340		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R341		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R342		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R343		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R344		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R345		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R346		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R347		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R348		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R349		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R350		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R351		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R352		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R353		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R354		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R355		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R356		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R357		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R358		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R359		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R360		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R361		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R362		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R363		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R364		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R365		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R366		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R367		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R368		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R369		nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R370		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R371		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R372		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R373		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R374	/K/N/U	nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R375	/K/N/U	nsp	nsp	RES.	33Ω 1/6W J	CRD20TJ330T
R376	/K/N/U	nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R379	/K/N/U	nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R384	/K/N/U	nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R385	/K/N/U	nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R386		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R387		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R390	/K/N/U	nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R391	/K/N/U	nsp	nsp	RES.	47kΩ 1/6W J	CRD20TJ473T
R392	/K/N/U	nsp	nsp	RES.	47Ω 1/6W J	CRD20TJ470T
R393	/K/N/U	nsp	nsp	RES.	47Ω 1/6W J	CRD20TJ470T
					TUNER PCB (CUP11592-3) [PS5400 only]	
C397	/F	nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
C398	/F	nsp	nsp	CER. CAP.	470pF 50V KB	CCKT1H471KB
JK27	/F	nsp	*YT003180R	JACK	CINCH 2P AUDIO	CJJ4N063Z
R394	/F	nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R395	/F	nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R396	/F	nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
R397	/F	nsp	nsp	RES.	82kΩ 1/6W J	CRD20TJ823T
					POWER PCB (CUP11594-2)	
C601		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C602		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C603		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C604		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C605		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C606		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C611		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C612		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C613		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C614		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C615		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C621		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C622		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C623		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C624		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C625		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C626		*OF100370R	*OF100370R	FILM CAP	0.022μF 50V J	HCQI1H223JZT
C633		EB12906330	EB12906330	ELECT. CAP.	DL63VN 12000(M)	KCET63VDL123N
C634		EB12906330	EB12906330	ELECT. CAP.	DL63VN 12000(M)	KCET63VDL123N
C638		nsp	OA47601640	ELECT. CAP.	47μF 16V	HCEA1CH470T
C639		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C640		nsp	OA22803520	ELECT. CAP.	2200μF 35V	HCEA1VH222E

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C641		nsp	OA22803520	ELECT. CAP.	2200µF 35V	HCEA1VH222E
C642		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C644		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C645		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C646		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C647		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C648		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C649		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C651		nsp	OA68801620	ELECT. CAP.	6800µF 16V	HCEA1CH682E
C652		EA10901670	EA10901670	ELECT. CAP.	10000µF 16V	HCEA1CH103E
C653		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C654		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C655		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C656		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C657		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C658		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C659		nsp	OA10706320	ELECT. CAP.	100µF 63V	HCEA1JH101E
C661		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C662		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C663		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C664		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C665		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
C666		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF
CN14		nsp	nsp	JACK	MOLEX53014-0710	KJP07GA19ZM
CN17		nsp	nsp	JACK	MOLEX53014-0510	KJP05GA19ZM
CN29		nsp	nsp	JACK	MOLEX53014-0810	KJP08GA19ZM
CN39		nsp	nsp	JACK FFC	GF102-13S-TS	KJP13GA117ZG
CN50		nsp	nsp	JACK	MOLEX53014-0510	KJP05GA19ZM
CN55		nsp	nsp	JACK	MOLEX 5267-04A	KJP04GA01ZM
CN67		nsp	nsp	JACK	A3963WV2-5P (3.96MM)	CJP05GA148ZW
CN68		nsp	nsp	JACK	A3963WV2-6P	CJP06GA148ZW
CN69		nsp	nsp	JACK		KJP05GA98ZM
D601		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D602		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D603		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D604		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D605		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D606		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D607		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D608		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D609		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D610		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D611		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D612		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D613		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D614		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D615		*HD302150R	*HD302150R	ZENER DIODE	MTZJ6.8B	HVDMTZJ6.8BT
D616		*HD302190R	*HD302190R	ZENER DIODE	MTZJ30B	HVDMTZJ30BT
D617		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
D618		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D619		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D620		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D621		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D623		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
⚠ D631		*HE200340R	*HE200340R	BRIDGE DIOCE	GBJ804	BVDGBJ804
⚠ IC61		*HC300500R	*HC300500R	IC	KA7805-ABTU REGULATOR	HVIMC7805C
⚠ IC62		*HC300500R	*HC300500R	IC	KA7805-ABTU REGULATOR	HVIMC7805C
⚠ IC63		*HC300520R	*HC300520R	IC	KA7812-ABTU REGULATOR	HVIMC7812C
⚠ IC64		HC3991209F	HC3991209F	IC	NJM7912FA REGULATOR	HVINJM7912FA

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
JK61		*YT003270R	*YT003270R	TERMINAL	SPEAKER TERMINAL	CJJ5Q007Z
JK63		*YT003280R	*YT003280R	TERMINAL	SPEAKER TERMINAL	CJJ5P011Z
Q601		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q602		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q603		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q604		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q606		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q607		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
Q608		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
Q609		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
Q610		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
Q611		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
Q612		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q613		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q614		*HT800050R	*HT800050R	TRS.	KTC3198YT	HVTKTC3198YT
Q615		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
R601		nsp	nsp	RES.	220Ω 1/4W J	CRD25TJ221T
R602		nsp	nsp	RES.	330Ω 1/4W J	CRD25TJ331T
R603		nsp	nsp	RES.	220Ω 1/4W J	CRD25TJ221T
R604		nsp	nsp	RES.	330Ω 1/4W J	CRD25TJ331T
R605		nsp	nsp	RES.	220Ω 1/4W J	CRD25TJ221T
R606		nsp	nsp	RES.	330Ω 1/4W J	CRD25TJ331T
R607		nsp	nsp	RES.	220Ω 1/4W J	CRD25TJ221T
R608		nsp	nsp	RES.	330Ω 1/4W J	CRD25TJ331T
R609		nsp	nsp	RES.	220Ω 1/4W J	CRD25TJ221T
R610		nsp	nsp	RES.	330Ω 1/4W J	CRD25TJ331T
R611		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R612		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R613		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R614		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R615		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R616		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R617		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R618		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R619		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R620		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R621		nsp	nsp	RES.	10Ω 1W J METAL OXIDE FILM	KRG1SANJ100RT
R622		nsp	nsp	RES.	10Ω 1W J METAL OXIDE FILM	KRG1SANJ100RT
R623		nsp	nsp	RES.	10Ω 1W J METAL OXIDE FILM	KRG1SANJ100RT
R624		nsp	nsp	RES.	10Ω 1W J METAL OXIDE FILM	KRG1SANJ100RT
R625		nsp	nsp	RES.	10Ω 1W J METAL OXIDE FILM	KRG1SANJ100RT
R626		nsp	nsp	RES.	10Ω 1W J METAL OXIDE FILM	KRG1SANJ100RT
R627		nsp	nsp	RES.	330Ω METAL OXIDE FILM	CRG1ANJ331H
R628		nsp	nsp	RES.	330Ω METAL OXIDE FILM	CRG1ANJ331H
R631		nsp	nsp	RES.	150Ω 1/4W J	CRD25TJ151T
R632		nsp	nsp	RES.	150Ω 1/4W J	CRD25TJ151T
R633		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R634		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R635		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R636		nsp	nsp	RES.	15kΩ 1/6W J	CRD20TJ153T
R637		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R638		nsp	nsp	RES.	33kΩ 1/6W J	CRD20TJ333T
R639		nsp	nsp	RES.	100kΩ 1/6W J	CRD20TJ104T
R640		nsp	nsp	RES.	1Ω METAL OXIDE FILM	CRG1ANJ1R0H
R641		nsp	nsp	RES.	1Ω METAL OXIDE FILM	CRG1ANJ1R0H
R642		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R643		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R644		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T
R645		nsp	nsp	RES.	22kΩ 1/6W J	CRD20TJ223T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R646		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R647		nsp	nsp	RES.	1Ω 1/4W J	CRD25TJ1R0T
R648		nsp	nsp	RES.	2.2kΩ 1W J METAL OXIDE FILM	KRG1SANJ222RT
R649		nsp	nsp	RES.	1.5kΩ 1W J METAL OXIDE FILM	KRG1SANJ152RT
R650		nsp	nsp	RES.	100Ω 1/4W J	CRD25TJ101T
R651		nsp	nsp	RES.	100Ω 1/4W J	CRD25TJ101T
⚠ R652		*NH000080R	*NH000080R	FUSIBLE RESIST	0.47Ω 1W J	KRQ1AJR47H
RY61		LY20240490	LY20240490	RELAY	5GPA-28 DC24	HSL3B013ZE
RY62		LY20240490	LY20240490	RELAY	5GPA-28 DC24	HSL3B013ZE
RY63		LY20240490	LY20240490	RELAY	5GPA-28 DC24	HSL3B013ZE
RY65		LY20240510	LY20240510	RELAY	OSA-SS-224DM3	HSL4B017ZU
⚠ RY66		LY20240520	LY20240520	RELAY	PCLH-203D1SP	HSL4B018ZU
	/N	nsp	nsp	SCREW		CTB3+8J
	/N	nsp	nsp	COMPOUND		K8AYG6260
		nsp	nsp	HEATSINK	SUB HEATSINK	CMY1A207
					VIDEO PCB (CUP11594-1)	
C702		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C704		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C706		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C707		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C708		nsp	OA47701020	ELECT. CAP.	470μF 10V	HCEA1AH471T
C710		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C711		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C712		nsp	OA47701020	ELECT. CAP.	470μF 10V	HCEA1AH471T
C713		nsp	nsp	CER. CAP.	68pF 50V JC	CCCT1H680JC
C714		nsp	OA47701020	ELECT. CAP.	470μF 10V	HCEA1AH471T
C715		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C716		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C717		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C719		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C720		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C722		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C723		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C725		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C726		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C727		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C728		nsp	OA47701020	ELECT. CAP.	470μF 10V	HCEA1AH471T
C729		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C730		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C732		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C733		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C734		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C735		nsp	OA47701020	ELECT. CAP.	470μF 10V	HCEA1AH471T
C736		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C737		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C738		nsp	nsp	CER. CAP.	68pF 50V JC	CCCT1H680JC
C739		nsp	OA47701020	ELECT. CAP.	470μF 10V	HCEA1AH471T
C740		nsp	nsp	CER. CAP.	68pF 50V JC	CCCT1H680JC
C741		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C742		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C743		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
C744		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
C745		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C746		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C747		nsp	OA10605020	ELECT. CAP.	10μF 50V	HCEA1HH100T
C748		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF
C749		nsp	OA10701620	ELECT. CAP.	100μF 16V	HCEA1CH101T
C750		nsp	nsp	CER. CAP.	0.01μF 50V ZF	CCKT1H103ZF

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C751		nsp	OA47505020	ELECT. CAP.	4.7µF 50V	HCEA1HH4R7T
C752		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C753		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C754		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C755		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C756		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C757		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C758		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C759		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C760		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C761		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C762		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C763		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C764		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C765		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C766		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C767		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C768		nsp	nsp	CER. CAP.	1200pF 50V KB	CCKT1H122KB
C769		nsp	OA10505020	ELECT. CAP.	1µF 50V	HCEA1HH1R0T
C770		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C771		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C773		nsp	nsp	CER. CAP.	24pF 50V JC	CCCT1H240JC
C774		nsp	nsp	CER. CAP.	22pF 50V JC	CCCT1H220JC
C775		nsp	OA10505020	ELECT. CAP.	1µF 50V	HCEA1HH1R0T
C776		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C777	/F/U	nsp	nsp	CER. CAP.	22pF 50V JC	CCCT1H220JC
C777	/K/N	nsp	nsp	CER. CAP.	15pF 50V JC	CCCT1H150JC
C778	/F/U	nsp	nsp	CER. CAP.	22pF 50V JC	CCCT1H220JC
C778	/K/N	nsp	nsp	CER. CAP.	15pF 50V JC	CCCT1H150JC
C779		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C780		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C781		nsp	nsp	CER. CAP.	1000pF 50V KB	CCKT1H102KB
C782		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C783		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C784		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C785		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C786		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C787		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C788		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C789		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C790		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C791		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C792		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C793		nsp	nsp	CER. CAP.	0.022µF 50V ZF	CCKT1H223ZF
C794		nsp	nsp	CER. CAP.	47pF 50V JC	CCCT1H470JC
C795		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C796		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C797		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C798		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C799		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C800		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C801		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C802		nsp	OA10605020	ELECT. CAP.	10µF 50V	HCEA1HH100T
C803		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C804		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C805		nsp	OA10701620	ELECT. CAP.	100µF 16V	HCEA1CH101T
C806		nsp	nsp	CER. CAP.	0.01µF 50V ZF	CCKT1H103ZF
C807		nsp	nsp	CER. CAP.	100pF 50V KB	CCKT1H101KB
C808		nsp	nsp	CER. CAP.	0.1µF 50V	CCKT1H104ZF

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
CN12		nsp	nsp	JACK	MOLEX53014-0510	KJP05GA19ZM
CN37		nsp	nsp	JACK FFC	C.CABLE	KJP11GA117ZG
CN41		nsp	nsp	JACK	MOLEX53014-0510	KJP05GA19ZM
D701		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D702		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D703		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D704		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D705		nsp	*HD201750R	DIODE	1N4003	KVD1N4003SRT
D706		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
D707		nsp	HD20015210	DIODE	1SS133T-77	HVD1SS133MT
IC09		*HC300560R	*HC300560R	IC	KA7805 REGULATOR	HVIMC7905C
IC71		HC10227090	HC10227090	IC	NJM2595D VIDEO S/W	HVINJM2595D
IC72		HC10227091	HC10227091	IC	NJM2595D VIDEO S/W	HVINJM2595D
IC73		HC10227092	HC10227092	IC	NJM2595D VIDEO S/W	HVINJM2595D
IC74		*HC108400R	*HC108400R	IC	NJM2535D VIDEO S/W	HVINJM2535D
IC75		HC10185090	HC10185090	IC	NJM2264D VIDEO	HVINJM2264D
IC76		HC10119090	HC10119090	IC	NJM2244D VIDEO	HVINJM2244D
IC77		HC10119090	HC10119090	IC	NJM2244D VIDEO	HVINJM2244D
IC78		HC10377030	HC10377030	IC	LC74781-9013 OSD	HVILC74781-9013
IC79		*HC108420R	*HC108420R	IC	TC74HC4094AP SHIFT REGISTER	HVITC74HC4094AP
JK71		*YT002940R	*YT002940R	JACK	CINCH 3P YELLOW SILVER	CJJ4S010Z
JK72		*YT002950R	*YT002950R	JACK	CINCH 2P YELLOW SILVER	CJJ4N043Z
JK73		*YT002950R	*YT002950R	JACK	CINCH 2P YELLOW SILVER	CJJ4N043Z
JK74		*YT003260R	*YT003260R	JACK	S-TERMINAL 3P	CJJ9S001Z
JK75		*YT003250R	*YT003250R	JACK	S-TERMINAL 2P	CJJ9N001Z
JK76		*YT003250R	*YT003250R	JACK	S-TERMINAL 2P	CJJ9N001Z
L701		LC13330140	LC13330140	CHOKE COIL	33UH	HLQ02C330KT
L702		LC13330140	LC13330140	CHOKE COIL	33UH	HLQ02C330KT
Q701		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q702		BA10001000	BA10001000	TRS.	KRA102M	HVTKRA102MT
Q703		HT30001000	HT30001000	TRS.	KTC3199YT	HVTKTC3199YT
Q704		HT30001000	HT30001000	TRS.	KTC3199YT	HVTKTC3199YT
Q705	/K/N	BA20004000	BA20004000	TRS.	KRC111M	HVTKRC111MT
Q706	/K/N	BA20004000	BA20004000	TRS.	KRC111M	HVTKRC111MT
Q707	/K/N	BA10001000	BA10001000	TRS.	KRA102M	HVTKRA102MT
Q708		HT30001000	HT30001000	TRS.	KTC3199YT	HVTKTC3199YT
Q709		*HT600040R	*HT600040R	TRS.	KTA1267Y	HVTKTA1267YT
Q710		BA20001000	BA20001000	TRS.	KRC102M	HVTKRC102MT
Q711		HT30001000	HT30001000	TRS.	KTC3199YT	HVTKTC3199YT
Q712		HT30001000	HT30001000	TRS.	KTC3199YT	HVTKTC3199YT
Q713		BA10001000	BA10001000	TRS.	KRA102M	HVTKRA102MT
R701		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R702		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R703		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R704		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R705		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R706		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R707		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R708		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R709		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R710		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R711		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R712		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R713		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R714		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R715		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R716		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R717		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R718		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
R719		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R720		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R721		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R722		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R723		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R724		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R725		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R726		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R727		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R728		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R729		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R730		nsp	nsp	RES.	220kΩ 1/6W J	CRD20TJ224T
R731		nsp	nsp	RES.	10Ω 1/6W J	CRD20TJ100T
R732		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R733		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R734		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R735		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R736		nsp	nsp	RES.	100kΩ 1/6W J	CRD20TJ104T
R737		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R738		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R739		nsp	nsp	RES.	12kΩ 1/6W J	CRD20TJ123T
R740		nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R741		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R742		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R743		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R744		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R745		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R746		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R747	/F/U	nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R750		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R752		nsp	nsp	RES.	75Ω 1/6W J	CRD20TJ750T
R753		nsp	nsp	RES.	220Ω 1/6W J	CRD20TJ221T
R756		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R757		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R758		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R759		nsp	nsp	RES.	3.3kΩ 1/6W J	CRD20TJ332T
R761		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R762		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R763		nsp	nsp	RES.	2.2kΩ 1/6W J	CRD20TJ222T
R764		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R765		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R766		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R767		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R768		nsp	nsp	RES.	4.7kΩ 1/6W J	CRD20TJ472T
R769		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R770		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R771		nsp	nsp	RES.	56Ω 1/6W J	CRD20TJ560T
R772		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R773		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R774		nsp	nsp	RES.	1kΩ 1/6W J	CRD20TJ102T
R775		nsp	nsp	JUMPER	SN95/PB5 , 0.6	C3A206
R776		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R777		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R778		nsp	nsp	RES.	1MΩ 1/6W J	CRD20TJ105T
R781		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
R782		nsp	nsp	RES.	100Ω 1/6W J	CRD20TJ101T
R783		nsp	nsp	RES.	10kΩ 1/6W J	CRD20TJ103T
X701		*JX001080R	*JX001080R	CRYSTAL	14M318	HOX14318D220F
X702	/K/N	*JX001090R	*JX001090R	CRYSTAL	17M318	HOX17744D220F

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